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1990-91

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Call HP DIRECT for service as innovative as our products!

You already know the HP name on computer equipment means state-of-the-art performance. But did you know HP DIRECT offers that same innovation in its service? Here's what our cutting-edge difference can mean for you:

Choose from the whole universe of HP products. We're always in stock Only HP DIRECT offers a complete line of HP products. And not just in our catalog, but on our shelves, ready to ship. Because we're the direct source in-stock 99.7 percent of the time.

Friendly HP professionals are here to help you Our knowledgeable telemarketing consultants can answer most questions on the spot. And they're so committed to your satisfaction, they'll go to any lengths to resolve problems.

Get everything you need with one call Forget complicated paperwork! One toll-free call gets all the HP products you need out the door. We'll gladly accept your verbal P.O., HP DIRECT account number or major credit card.

Count on fast delivery, fast credits and changes We normally ship the day your order. In a hurry? Ask for overnight delivery. And we process returns and exchanges within a day of receiving them.

But don't take my word for it. Call HP DIRECT today and see for yourself what happens when service gets the HP treatment.

Gil Merme
Gil Merme
General Manager



On the cover: HP DIRECT brings the universe of HP products home to you. Read about our new HP 48SX calculator (page 130), HP SurePlot drafting pens (pages 63-64), the HP Mouse (page 7), and HP LaserJet font cartridges (pages 15-17).

HP Computer Museum
www.hpmuseum.net

For research and education purposes only.

Contents

1990-91

Don't miss
all the NEW PRODUCTS
on pages 2-10



2

New Products

Products and accessories for your HP plotter and HP Vectra, new software, calculator and more!



11

Printers & Accessories

Toner, print cartridges, paper, . . . for your HP printer from LaserJets to impact printers.



50

Plotters & Accessories

Pens, media and accessories for HP business and drafting plotters.



68

LANs & Cables

Everything to connect your HP computers, peripherals and networks to almost any computer system.



87

Disks & Tapes

Floppy disks, data cartridges, mag tapes, rigid disks, and storage accessories to keep data secure.



103

Furniture

Tables, cabinets, chairs and accessories to complement your HP computers and peripherals.



127

Calculators, Books & Manuals

Business and scientific calculators, hardware manuals, and Self-Paced Training programs.



141

HP Vectra PC Accessories

A complete array of power products and convenience items to enhance your personal computing.



148

Terminals

HP 700 Series Display Terminals and accessories to expand your HP and ASCII computer systems.



152

Data Communications & Power Conditioners

Cable testers, modems and power protection designed and tested for your HP computer system.

See our Blue Section, pages 161-176, for ordering information. Three handy indexes will help you find just what you want. Terms of sale and warranties are also detailed in this section.

Many of our products are available at your Authorized HP dealer.

These products are identified throughout this catalog with the dealer symbol, . It's our way of letting you know that a product can be purchased from either an authorized dealer or HP DIRECT. If every product on a page is carried by our dealers, the will appear at the top of that page. For the name and location of your closest HP dealer, call 800-752-0900.

2 **new! new! new! new! new!**

Our new HP SurePlot pens owe their unique design to you, our customers!



SurePlot's exclusive "unibody" design doesn't require an adapter, assembly or special storage. And its rounded ceramic tip glides more smoothly over paper to prevent clogging!

Yes. We listen to what our customers tell us . . . and we take it seriously. When you asked for a completely reliable, easy-to-use drafting pen that doesn't leak or clog, we went right to work. The result of months of HP's superior engineering and testing is a revolutionary new pen design that eliminates plotting headaches! You won't have to worry about HP SurePlot pens leaking or clogging. And they're the easiest of all drafting pens to use. You can use them for both final plots and checkplots and get terrific results every time!

SurePlot pens owe their reliable performance to their new ink regulator and tip design

Our engineers designed the new ink regulator to assure smooth, controlled ink flow without leaking. No more time and media wasted because of runaway ink!

SurePlot's new tip design includes a ceramic point that won't clog. Instead of tearing off paper fibers as it plots, the new ceramic tip glides more smoothly over the paper. You'll get great results without skips and blobs.

New high-performance design

Unlike other disposable pens, there's no assembly required with SurePlot. The pen consists of one body that includes a built-in adapter and tip. You'll save time and the extra cost of adapters!

HP SurePlot pens are completely maintenance-free

Thanks to their "unibody" design, there's no special storage or cleaning required. While other pens need to be stored upside down with their caps on, SurePlot pens can stay in the carousel for one week. Or you can store them capped in any position, anywhere, for any length of time.

Create eye-catching, brilliant plots that draw raves every time

We've improved the colors of our SurePlot pens, too! Now you can create dazzling plots in eight vibrant colors. Our specially formulated inks produce brighter, more intense colors than ever before—redder reds, truer blues and darker, denser blacks.

You can count on HP SurePlot drafting pens to perform brilliantly giving you vibrant colors that jump off the page. With HP SurePlot pens, the quality speaks for itself!

HP SurePlot Drafting Pens are real timesavers!



When you're ready to use HP SurePlot drafting pens, they're ready too. Just remove the caps and load them into your plotter's carousel for sharp, consistent performance. SurePlot pens are designed for use with the HP 7550A, 7550 PLUS, DraftPro Series, DraftMaster Series and 758X plotters.

SurePlot comes in four line widths and eight brilliant colors for both vellum and paper. And they're all in stock and ready to ship. Just call HP DIRECT and order a variety of each to keep on hand for all your plotting needs.

Vellum/Paper SurePlot and Polyester Film Disposable drafting pens

Pen Style	Point Size	Single-Color Pkg.	Multi-Color Pkg.	Price
Vellum/Paper SurePlot Drafting Pens (4 pens/pkg.)	.25mm (V.25)	17762V (Black)	17932V (Blue/Red/Green/Black)	\$22.00 ea.
			17942V (Orange/Yellow/Brown/Violet)	\$22.00 ea.
	.35mm (V.35)	17763V (Black)	17933V (Blue/Red/Green/Black)	\$22.00 ea.
		17773V (Blue)	17943V (Orange/Yellow/Brown/Violet)	\$22.00 ea.
		17783V (Green)		\$22.00 ea.
		17793V (Red)		\$22.00 ea.
	.50mm (V.50)	17764V (Black)	17934V (Blue/Red/Green/Black)	\$22.00 ea.
			17944V (Orange/Yellow/Brown/Violet)	\$22.00 ea.
	.70mm (V.70)	17765V (Black)	17935V (Blue/Red/Green/Black)	\$22.00 ea.
			17945V (Orange/Yellow/Brown/Violet)	\$22.00 ea.
Vellum/Paper SurePlot Drafting Pens Multi-width Pkg. (4 pens/pkg.)	.25mm .35mm .50mm .70mm	17760V (Black)		\$22.00 ea.
Polyester Film Disposable Pens (2 pens/pkg.)	.25mm (F.25)	5062-1592* (Black)		\$22.00 ea.
	.35mm (F.35)	5062-1593* (Black)		\$22.00 ea.
	.50mm (F.50)	5062-1594* (Black)		\$22.00 ea.
	.70mm (F.70)	5062-1595* (Black)		\$22.00 ea.

Note: Line width may vary depending on media, ink and plotting speed.
Call for quantity break prices on these products.

*These are not SurePlot-design pens; they require reusable adapter (5061-7578) for operation. See page 61.

Long body drafting pen comparison guide

Use the guide below to select the long body drafting pen features best suited for your application.

Plotter	Drafting pen	Paper	Media		Recommended plotting speed	Available line widths	Pen cleaning required
			Vellum	Polyester Film			
7550/DraftPro	Disposable	•	•	•	20cm/sec.	4	No
758X*/DraftMaster Series	Disposable	•	•	•	30cm/sec.	4	No
7550/758X*/DraftPro Series	Refillable		•	•	15cm/sec.	6	Yes
DraftMaster Series	Refillable		•	•	30cm/sec.	6	Yes

*Includes HP 7580A/B, HP 7585A/B, and HP 7586B Drafting Plotters.

Unleash the power of your DeskJet



DeskJet Unlimited is your complete "how to" resource guide for your HP DeskJet and DeskJet PLUS printers. Includes tips on using Microsoft® Windows®, Ventura Publisher®, Harvard Graphics®, and other popular applications.

92232D DeskJet Unlimited ... \$21.95 ea.

See pages 35-38 for our complete line of DeskJet supplies and accessories, including

- **printer cartridges**
- **extended memory**
- **typefaces**

Here's the safe, convenient way to take your HP DeskWriter on the road

Now you can take your DeskWriter printer along when you travel. Our handsome carrying case is custom-designed to transport your HP DeskWriter, HP DeskJet or HP DeskJet Plus printer safely and easily.

Tough fabric and rugged construction

ensures that your printer arrives without bumps or bruises. Our case is made of cordura fabric that's so tough neither rain nor stain, nor even the clumsiest baggage handler, can hurt it. Additional padding inside keeps your printer extra secure.

Metal snap hooks and D-ring add strength

rarely seen in other carrying cases. You won't have to worry about the strap tearing off the case. And the strap is curved to fit comfortably and "stay put" on your shoulder.

"Zip and go" design and special pockets

make our DeskWriter carrying case a cinch to pack. Handy interior and exterior pockets hold your power supply, extra paper, font cartridges and cable. And the zipper opens all the way around so it's easy to get your printer in and out.

35178E HP DeskWriter Carrying Case \$99.95 ea.

Store cable, power pack and supplies in roomy pockets



Heavy-duty metal hooks and D-ring ensure safe travel

New Font Cartridges for your HP DeskJet 500 printer let you choose a typeface that "sells" while you tell

Want to pack more persuasion power into your printed documents? Choose a font that creates a mood to match your message.

Our four new font cartridges give your HP DeskJet 500 a selling "voice" for every business communication from proposals to picnic posters.

And perhaps best of all, you plug these cartridge fonts into a slot of your DeskJet 500 printer in seconds.



Dom Casual An informal, easily read, decorative font, perfect for drawing interest in events, announcements and activities.

Includes 12-, 14-, 18- and 24-point Roman fonts, and the ISO-8859/1 (ECMA-94 Latin 1) symbol set.

Each font is proportionally spaced for easy readability, and kernable, so you can adjust text to fit. **ABCabc123!#&"()*=**

C2109D Dom Casual Font Cartridge \$79.00 ea.



Garamond Collection Two elegant, proportionally spaced serif typefaces: Garamond Antique (Roman), and Garamond Kursiv (Italic). Ideal for

text, footnotes and subheads.

Includes 8-, 10- and 12-point Roman; 10- and 12-point Kursiv (Italic); and 10-, 12-, 14-point Halbfett (True Bold); International symbol set. **ABCabc123!#&"()*=**

C2109C Garamond Collection Font Cartridge \$79.00 ea.



Global Text Two proportional, kernable, publication-quality typefaces. CG Century Schoolbook® is ideal for business documents like letters and

memos. **ABCabc123!#&"()*=**

CG Triumvirate® is an uncluttered design for title pages, headings, any text that should stand out.

ABCabc123!#&"()*=

Both offer 8- and 10- point Roman, 10-point Italics, and 10- and 14- point Bold, and International symbol set.

C2109B Global Text Font Cartridge \$79.00 ea.

See page 38 for more DeskJet Font Cartridges

New software creates sharp-looking HP printer labels without formatting!

If you need easy label-generating software for your HP printer, our new LabelPro™ Software is the perfect one for you. Designed by Avery expressly for the HP LaserJet or DeskJet printer, it's easier to use and more powerful than any other label program.

Pre-set layouts let you skip tedious formatting Because LabelPro is custom-tailored to print on HP LaserJet and DeskJet printers, you'll never again have to waste time (and labels) trying to make your text fit the size of the labels!

First, LabelPro lets you see what your label looks like on your screen before you print. And, there's a unique calibration sheet that helps you find your printer's exact positioning in relation to the size of each label. Just run one calibration sheet through your printer and it tells you what number to enter into a box on your screen. All the rest of your labels are then accurately positioned.

Attractive fonts, borders and clip-art give your labels a custom look LabelPro's two typefaces, Times New Roman and Arial, are scalable from 6 to 96 points so you can size your type to fit and look better. For another personalized touch, you can also

import corporate logos and other images from popular PC draw and paint programs. Plus, LabelPro includes handy office-use templates such as Please Rush, FRAGILE and Air Mail.

Merge files easily LabelPro lets you import data from popular file formats, including dBase® and WordPerfect®. Or build your own files up to 300 records each with LabelPro's built-in list manager.

Order LabelPro Software today. To get you started, we'll include three free sample sheets of each of ten different HP label sizes.

With LabelPro's pre-set layouts, scalable fonts and graphics, you can easily print out attractive HP labels for everything on your LaserJet or DeskJet printer.

For our complete selection of labels, see page 23.

92296S LabelPro™ Software
(1 unit) \$99.95 ea.
(2-4) 89.95 ea.
(5-9) 79.95 ea.
(10+) 69.95 ea.



Here's a font cartridge that's more than just another pretty face!



Give your out-of-the-ordinary applications the out-of-the-ordinary look with the HP LaserJet Pretty Faces font cartridge.

Hobo, a round, slightly-bowed typeface, is the gentle, playful member of this typeface collection. Use it to set a friendly, even comical tone in short, punchy headlines. For an industrial or high-tech feeling, use Microstyle. The squared, easy-to-read letterforms in this contemporary sans-serif typeface make it a good choice for subheads and titles for applications such as legal documents, brochures and signage. Push the high-tech feeling one step further in headlines with ultra-sleek Microstyle Bold Extended. When a touch of elegance is in order, consider sophisticated, refined Signet Roundhand. This script typeface is perfect for formal invitations, announcements, programs and menus. And when rough and rugged suits your message, you want Thunderbird Extra Condensed. This serif face lets you capture the flavor of the Old West in posters, flyers and other novelty applications. ITC Zapf Dingbats completes this collection of unusual

fonts with a host of fun signs and symbols ranging from practical to whimsical.

C2053A #C09 Pretty Faces Font Cartridge \$195.00 ea.

ASCII and PC-850 symbol sets

Portrait	Pitch	Point
Microstyle	prop.	18
Microstyle Bold Extended	prop.	36
Y3CH0333133 C273A C0N3C3222	prop.	54
Hobo Medium	prop.	14, 30
<i>Signet Roundhand</i>	prop.	14, 18

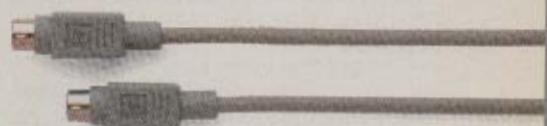
PostScript symbol set

Portrait*	Pitch	Point
ITC Zapf Dingbats	prop.	18, 36

*Landscape available in HP LaserJet printer models which can automatically rotate fonts.

NOTE: The Pretty Faces Font Cartridge works with a HP LaserJet printer except HP LaserJet (2686A), LaserJet PLUS and LaserJet 500 PLUS printers.

Our HP-to-Mac Cable is the affordable connection for your HP desktop printer



Got one of the HP desktop printers and Apple Macintosh® computers listed below? This cable is your wisest connection. It's been tested by HP engineers, so you know it will work.

92215S HP to Apple Macintosh Cable. Connects any of the following printers and computers: HP DeskWriter, PaintWriter XL or LaserJet® IID, IIP, III or IIID to Macintosh Plus (with hard disk), SE, SE/30, Portable, II, IIcx, IIcx or IIx. 2m (6.6 ft.), shielded, with male 8-pin DIN connectors.

(1 cable) \$22.00 ea.
(2+) 18.00 ea.
*HP LaserJet printer requires a Macintosh interface board.



Assure compatibility with your HP printer. Use an HP printer cable.

Get the colorful graphics you see in Microsoft Windows out of your HP PaintJet Series printers!



The eye-catching images you see on your screen are exactly what you get on paper with Zenographics SuperPrint for HP PaintJets.

No more playing "wait and see" with your printer. With the Zenographics SuperPrint® for HP PaintJets, hard copy output duplicates the format, lay-out and fonts you see on the screen in Microsoft® Windows.™

Quality fonts and color convey the value of your work. SuperPrint's font manager lets you change font sizes quickly from 4 to 48 points in size. And you can customize 13 font outlines, including CG Times, CG Univers, Futura, Letter Gothic and Courier, in **bold**, *italic*, normal and **bold italic**. Plus, for commanding color output, you can print up to 16.7 million colors with the PaintJet Series driver.

No more lost time. Background printing lets you work on other files at your PC while SuperPrint outputs our documents. The kit also works with HP's Type Director Program so you can print LaserJet printer fonts on your PaintJet Series printer. (See page 19 for more details.) It's available on 3.5- or 5.25-inch disks, and is compatible with HP NewWave software.

17390B Zenographics SuperPrint® for HP PaintJets \$150.00 ea.

Expand your PC's power with HP AdvanceLink!

Now you can enable your PC to access your HP 1000, 3000 or 9000 host computer without sacrificing your personal applications.

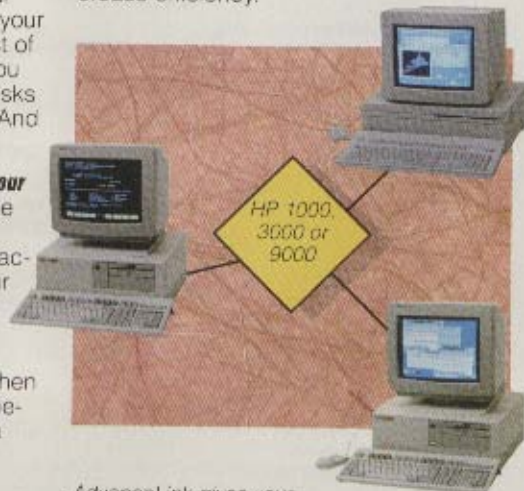
HP AdvanceLink is a comprehensive terminal emulation program that fully integrates your Apple Macintosh®, HP Vectra or other IBM®-compatible PC into your HP host environment and throughout your network. It not only saves you the cost of an additional terminal, it also saves you the time, risk and bother of sharing disks or relying on others to interpret data. And it's as easy to learn as it is to use.

AdvanceLink lets you tap the resources of your HP host and at the same time utilize the power and functionality of your PC.

Acting like a terminal, your PC can access data quickly and easily from your host's databases so you can use PC-based applications to analyze or enhance data. Or, you can run powerful centralized applications on the host, then transfer the files reliably and quickly between the PC and host, even across a network.

HP AdvanceLink supports three of the most popular computing environments. You can tap the power of your MS-DOS®, MS-Windows® and Apple Macintosh® applications and at the same time call on the resources of your HP host.

MS-DOS version is a comprehensive data communications package that incorporates alphanumeric, monochrome and color graphics terminal emulation and state-of-the-art file transfer. An extensive command language lets you automate sophisticated tasks to save time and increase efficiency.



AdvanceLink gives your IBM-compatible or your Macintosh access as a terminal to an HP host.

MS-Windows version lets you take advantage of quick file transfers to access vital information. Then using the power of MS-Windows, you can cut and paste the information into your PC-based applications. AdvanceLink Windows also lets you run multiple sessions simultaneously and permits background file transfer. And it supports HP NewWave, too.

HP AdvanceLink for Macintosh offers three choices of terminal emulation for the Apple Macintosh. There's AdvanceLink Text and AdvanceLink Graphics (monochrome). And, for Mac users who want to keep pace with full color graphics terminal emulation, there's AdvanceLink Color Graphics. All versions let you run and view multiple programs simultaneously and permit background transfer to and from the HP host.

So whatever your personal computer environment, HP offers the best connection to your HP host with AdvanceLink.

66333B MS-DOS® 3.5- and 5.25-in. disks \$335.00 ea.
D2104A Text for Windows,™ 3.25- and 5.25-in. disks 299.00 ea.
D2105A Text for Macintosh® 299.00 ea.
D2106A Graphics for Macintosh® 349.00 ea.
D2107A Color Graphics for Macintosh® 399.00 ea.

Glide through computer tasks with our sleek, new comfort mouse!

When we designed our new HP mouse, we tested and researched it thoroughly to make it the most comfortable pointing device on the market.

Its ergonomic design fits the size and contour of your hand naturally, so your hand won't be prone to tire. In fact, in a recent test of 160 professionals by an external research agency, our mouse was preferred over the competition for looks, feel, size and fit!

With the new HP mouse, you can work comfortably for hours on any PC equipped with mini-DIN interface, such as the HP Vectra 486, IBM® PS/2, Compaq, Tandy or NEC PC. For complete compatibility and flexibility, it supports



Our new mouse with mini-DIN interface fits your hand like a glove.

IBM OS/2 standards. And it's 100 percent Microsoft® compatible.

It's equipped with two buttons and operates on a roller-ball with optical encoders for smoother, more accurate motion. And the new HP mouse gives you enhanced graphics control with a resolution of 300 dpi.

Order the new HP mouse with mini-DIN interface today and find out for yourself how much more comfortable it is to operate. Our mouse comes with two Microsoft Mouse driver disks (5.25- and 3.5-in.) and manual.

C1413A HP Mouse with mini-DIN interface 139.00 ea.

It's easy to expand your HP Vectra's memory to meet higher demands of today's powerful programs

Our Memory Upgrade Options let you keep pace with the higher memory requirements of single-user and networked applications.

Create larger spreadsheets with Lotus® 1-2-3®. Work faster with Microsoft® Windows®. Get better results using graphics and color. Take advantage of new MS-DOS® and OS/2 applications.

Our Memory Upgrade Options are fully compatible with the widest range of software available, including HP's New Wave.

Every HP Memory Upgrade Option is 100 percent reliable.

They're fully tested to meet HP's exacting standards so you can be sure of top performance for the entire life of your HP Vectra PC system.

It's easy to order additional memory. Just find the model number of your Vectra system in the chart below. Look under the column for the total amount of RAM you need. The chart will tell you the incremental memory to order.

486 (includes 2 Mbytes Standard/Internal RAM)												
Total RAM	4 Mb	6 Mb	8 Mb	10 Mb	12 Mb	14 Mb	18 Mb	20 Mb	26 Mb	32 Mb	48 Mb	64 Mb
Required memory upgrade	Add 2 D2150A	Add 4 D2150A	Add 6 D2150A	Add 2 D2151A	Add 2 D2150A 2 D2151A	Add 4 D2150A 2 D2151A	Add 4 D2151A	Add 2 D2150A 4 D2151A	Add 6 D2151A	Remove Std. RAM Add 4 D2152A	Remove Std. RAM Add 6 D2152A	Remove Std. RAM Add 8 D2152A
D2150A = 1 Mb memory upgrade			D2151A = 4 Mb memory upgrade			D2152A = 8 Mb memory upgrade			Note: Memory must be added in pairs			

386/25 (includes 2 Mbytes Standard/Internal RAM)										
Total RAM	4 Mb	6 Mb	8 Mb	10 Mb	12 Mb	14 Mb	18 Mb	20 Mb	26 Mb	32 Mb
Required memory upgrade	Add 1 D2381A	Add 2 D2381A	Add 3 D2381A	Add 1 D2152A	Add 1 D2381A 1 D2152A	Add 2 D2381A 1 D2152A	Add 2 D2152A	Add 1 D2381A 2 D2152A	Add 3 D2152A	Remove Std. RAM Add 4 D2152A
D2381A = 2 Mb memory upgrade			D2152A = 8 Mb memory upgrade							

286/12 (includes 1 Mbyte Standard/Internal RAM)					
Total RAM	2 Mb	3 Mb	5 Mb	6 Mb	8 Mb
Required memory upgrade	Add 1 D1640A 1 D1640A	Add 1 D2401A 1 D1354A	Add 1 D2401A 2 D1354A	Remove Std. RAM Add 1 D2401A 3 D1354A	Remove Std. RAM Add 1 D2401A 4 D1354A
D1640A = 1 Mb memory upgrade D1354A = 2 Mb memory upgrade			D2401A = Memory expansion board		

HP Vectra 486

D2150A	1 Mbyte memory upgrade	\$ 299.00 ea.
D2151A	4 Mbyte memory upgrade	1,199.00 ea.
D2152A	8 Mbyte memory upgrade	2,399.00 ea.

HP Vectra 386/25

D2381A	2 Mbyte memory upgrade	599.00 ea.
D2152A	8 Mbyte memory upgrade	2,399.00 ea.

HP Vectra 286/12

D1640A	1 Mbyte memory upgrade	399.00 ea.
D1354A	2 Mbyte memory upgrade	599.00 ea.
D2401A	Memory expansion board	329.00 ea.

Got an HP EtherTwist LAN? Our troubleshooting kit and cables are all you need for fast, foolproof system maintenance



Order our troubleshooting kit **before** it's needed. Five custom-designed, HP-tested loopback connectors are just what you need to test your HP EtherTwist LAN. They're packed in one handy kit . . . available only from HP.

When it's time to troubleshoot your HP EtherTwist LAN, our Troubleshooting Kit will save you time in isolating problems.

Custom-designed for your HP EtherTwist LAN, the Troubleshooting Kit bundles the five loopback connectors required for diagnostic testing.

Just plug them into the appropriate ports on your HP EtherTwist LAN hub and PC adapter card, and then follow the testing instructions in your HP EtherTwist manual.

The all-in-one solution . . . only from HP The 5-in-1 kit includes an RS-232 loopback, RJ-45 loopback, 50-pin loopback, AUI loopback and BNC T with terminators. It's the only kit to combine the exact connectors you need for the job. And because each connector is designed and tested by HP specifically for your HP EtherTwist LAN, you'll get diagnostic readings you know you can trust.

Although your LAN will normally run trouble free, order your HP EtherTwist Troubleshooting Kit today and keep it on hand. Then, when you need it . . . you'll be ready to go.

28689A HP EtherTwist Troubleshooting Kit \$149.00 ea.

HP EtherTwist LAN Rack As your system grows, stack your hubs safely in our rack and stay organized. The self-supported rack bolts to any floor and can be installed in your wiring closet. Optional cable guides attach to the rack and keep cables under control. Rack dimensions are 2,134 H x 635 W x 76 D mm (84 H x 25 W x 3 D in.)

46298D Self-Supported, Channel-Type, 19" Rack \$260.00 ea.

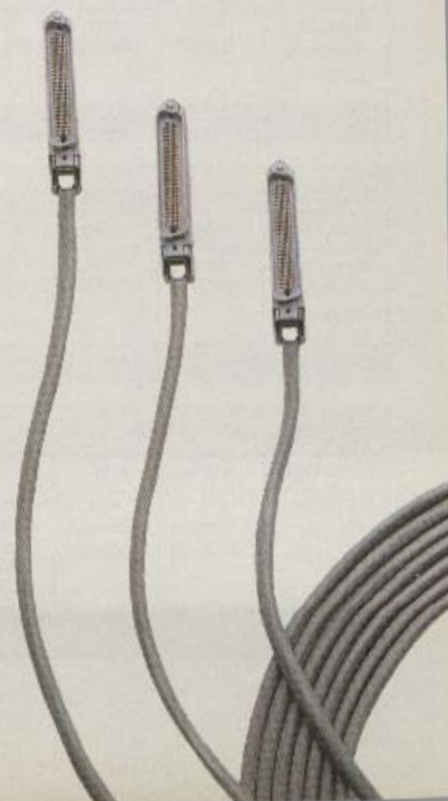
35199D Cable guide 55.00 ea.

5957-8469 Floor bolt set (for concrete floors) 23.00 ea.

HP EtherTwist LAN Cables

Description	Connector Type	Length	Product no.	Price
25-pair cable	Male ends/50 pin	1.5m (5.0 ft.)	92214R	(1 cable) \$19.00 ea. (2+) 18.00 ea.
25-pair cable	Male ends/50 pin	3.0m (10.0 ft.)	92214S	(1 cable) \$21.00 ea. (2-10) 20.00 ea. (11+) 19.00 ea.
25-pair cable	Male ends/50 pin	7.5m (25.0 ft.)	92214T	(1 cable) \$28.00 ea. (2-10) 26.00 ea. (11+) 24.00 ea.
Coax cable with T	Male ends/Coax	.5m (20.0 in.)	92214U	(1 unit) \$37.00 ea. (2+) 30.00 ea.
Crossover cable	Male ends/RJ-45	.2m (8 in.)	92214W	(1 unit) \$9.00 ea. (2+) 7.75 ea.
AUI cable	Male ends/AUI	1.0m (3.3 ft.)	92264D	(1-5 cables) . . . \$35.00 ea. (6+) 25.00 ea.

Grow your HP EtherTwist LAN with HP-engineered cables you can depend on.



Printers & Accessories



HP LaserJet supplies & accessories ...	5, 12-26, 28
Laser page printer supplies	27
Peripheral-sharing devices	29-31
HP PaintJet supplies	32-34
HP DeskJet supplies	4, 35-38
HP ThinkJet/QuietJet Series Printers	39
HP ThinkJet/QuietJet Series supplies	40-43
HP RuggedWriter supplies	44
Impact printer supplies & accessories	45-48
Thermal printer paper	49

HP LaserJet...the world's best-selling printer is now more popular than ever with its wide range of available cartridge fonts, utility software, expandable memory and even custom-designed printer cabinets.

HP DIRECT: Your fast, reliable source for HP the key to your LaserJet's finest output

When engineers designed the HP LaserJet imaging system, they noticed that vital elements of traditional imaging systems wore out after a few thousand pages or so, under ordinary use. So they came up with an ingenious solution. Put the delicate mechanisms—cleaner blade, corona wire, even the photoreceptor drum itself—right in the disposable toner cartridge.

That means, when you install a fresh HP toner cartridge, you're equipping your HP LaserJet printer with an entirely new imaging system! You get consistently crisp, well-defined text and graphics—as sharp on page 300 as on page 3.



***Maintain your HP LaserJet's
finest output with reliable,
easy-to-order HP toner
cartridges.***

toner cartridges—

Here's how HP LaserJet toner cartridges produce perfect documents, page after page:

Paint pictures with electricity

A new primary corona charges the drum with static electricity so accurately that even the fine lines of your tiniest footnotes pick up the necessary toner to print clearly and precisely.

A perfectly clean drum The cleaner blade prepares the drum to pick up toner. A new blade within each cartridge ensures that no residual toner stays on the drum to affect your next document.

Put it on paper A photo-sensitive drum transfers toner from the toner reservoir to the page with controlled static. A new drum keeps your characters sharply defined, your white areas clean and bright, and your black areas a rich, deep black.

The optimal amount of jet-black toner An HP cartridge toner reservoir is filled with only the highest-quality toner for sharper, more even printing, and less wear on your printer.

Genuine HP toner for peace of mind

Thanks to the clever design of the HP LaserJet printer, you replace worn imaging parts yourself—every time you install a new toner cartridge from HP. And reliable HP toner cartridges are as easy to find as calling HP DIRECT. Call us toll-free by 4:00 p.m., and we'll ship your genuine HP toner the same day!

By installing a genuine HP toner cartridge, you get all of these benefits every time you replace your toner:

- **Quality output** HP toner cartridges are engineered to deliver reliable print quality, throughout the life of the cartridge.
- **Preventive maintenance** The new imaging system in each HP toner cartridge keeps your HP LaserJet printer performing at the high standards you expect, year after year.
- **Peace of mind** A 90-day warranty on all HP toner cartridges is your assurance of consistently high toner quality.

So when it's time to replace your HP LaserJet toner cartridge, call HP DIRECT—you won't find a more reliable source! Let HP DIRECT deliver the cartridge you can count on so you can deliver your best work.

92295A Toner cartridge for HP LaserJet III, IIID, Series II and IID printers, black print	
(1 unit)	\$125.00 ea.
(2-3)	110.20 ea.
(4-15)	104.30 ea.
(16-59)	98.40 ea.
(60+)	92.50 ea.

92275A Toner cartridge for HP LaserJet IIP printer, black print	
(1 unit)	\$95.00 ea.
(2-3)	84.00 ea.
(4-15)	79.50 ea.
(16-59)	75.00 ea.
(60+)	70.50 ea.

92285A Toner cartridge for HP LaserJet LaserJet PLUS and LaserJet 500 PLUS printers, black print	
(1 unit)	\$125.00 ea.
(2-3)	110.20 ea.
(4-15)	104.30 ea.
(16-59)	98.40 ea.
(60+)	92.50 ea.

92285G Toner cartridge for HP LaserJet LaserJet PLUS and LaserJet 500 PLUS printers, brown print	
(1 unit)	\$149.00 ea.
(2-7)	142.00 ea.
(8+)	135.00 ea.

Add impact to your documents! It's easy with the HP MasterType Library



You've spent hours researching, writing, and compiling information for that all-important report. Don't compromise on your presentation! HP's varied fonts and type transform ordinary reports—giving them a more professional look. So your documents will be eye appealing and more readily accepted.

Our diverse family of fonts and scalable typefaces can handle a wide range of applications—so you end up with exactly what you need.

Just read through the next five pages for the solutions that suit your needs best.

Familiarize yourself with these important type terms

The HP MasterType Library features two kinds of products: fonts and scalable typefaces. All our font products are available in the most popular pre-set sizes. The following terms are used to describe a font.

Font: a complete set of letters, numbers and symbols of a specific typeface design, which are the same size, treatment, pitch and orientation.

Typeface design: the particular design or style of the characters and symbols, such as CG Times or Courier.

Point size: the height of the characters.

Ee (6 POINT)

Ee (8 POINT)

Ee (12 POINT)

Ee (18 POINT)

Ee (24 POINT)

Ee (30 POINT)

Treatment: the variations of a typeface design such as **bold**, *italic* or **bold italic**.

Pitch: the number of characters printed per horizontal inch in a fixed-pitch font.

Proportional spacing is good for text, because the natural fit of the let-

ters makes words more distinguishable from surrounding text and therefore more readable and pleasing to the eye.

Fixed-pitch fonts are well suited when characters need to be aligned, as in tables, spreadsheets or columns of data.



Fixed Pitch



Proportional Pitch

Orientation: the direction of the type across the page. Portrait fonts print across the width of the page for word processing, reports and other vertical documents. Landscape fonts print horizontally across the page for documents requiring several columns, like spreadsheets and organization charts.

Symbol set: the specific alphabetic, numeric, punctuation and special symbols contained in a font.

Compatibility: a font's ability to work with the built-in features of a particular software application. Check your software manual, or with your software manufacturer.

Scalable typeface products: each HP typeface product contains master typefaces. Using the Type Director program, you can scale a typeface up or down to create your own fonts of specific point sizes. The fonts can then be sent from your PC to your HP LaserJet printer. Turn to page 18 to learn more about scalable typefaces.

Scaling: the flexibility to adapt typefaces to different point sizes as needed. The Type Director program allows you to scale typefaces from 4 points to 200 points (approximately 2 inches).

Screen fonts: when the fonts on your computer screen look the same as the ones in your document, you're working with screen fonts. HP's Type Director program creates these screen fonts for many software programs and hardware configurations.

ProCollection—a power-package font cartridge for word processing and spreadsheets



With just one ProCollection cartridge, you get sixty-five fonts—enabling you to utilize a wide range of word processing and spreadsheet software programs. This cartridge contains all HP fixed-pitch fonts like Letter Gothic and Prestige Elite, plus proportional Times Roman and Helvetica fonts.

Using fonts in the landscape format allow you to print spreadsheets or tables of data horizontally across the page. And the compact Letter Gothic fonts (27.27 cpi and 18.75 cpi) help you present a lot of numbers and data without giving up readability.

The ASCII symbol set includes characters and symbols needed for printing business correspondence. For contracts

and other legal documents, the Legal symbol set adds trademark, copyright, and other useful symbols.

92286PC ProCollection Font Cartridge \$300.00 ea.

Note: Documents printed with Times Roman and Helvetica fonts on older HP LaserJet font cartridges (such as 92286B or 92286F) may format differently when printed with the Times Roman and Helvetica fonts found on the ProCollection cartridge.

ASCII symbol set

Portrait & Landscape	Pitch	Point
Letter Gothic	27.27, 18, 16.66, 12	3.6, 6, 9.5, 12
Letter Gothic Bold	12	12
Letter Gothic Italic	12	12
Courier	12	10
Courier Bold	12, 10	10, 12
Courier Italic	12, 10	10, 12
Prestige Elite	16.66, 12	7, 10
Prestige Elite Bold	12	10
Prestige Elite Italic	12	10
Line Printer	16.66	8.5

ASCII and Legal symbol sets

Portrait*	Pitch	Point
Times Roman	prop.	8, 10, 12
Times Roman Bold	prop.	10, 12
Times Roman Italic	prop.	10, 12
Helvetica Bold	prop.	14

Legal symbol set

Portrait*	Pitch	Point
Courier	12, 10	10, 12
Courier Bold	12, 10	10, 12
Courier Italic	12, 10	10, 12
Prestige Elite	16.66, 12	7, 10
Prestige Elite Bold	12	10
Prestige Elite Italic	12	10

ASCII symbol set

Portrait*	Pitch	Point
Helvetica	prop.	8, 10, 12
Helvetica Bold	prop.	10, 12
Helvetica Italic	prop.	10, 12

International Collection—a power-package font cartridge for word processing and spreadsheets



The International Collection font cartridge provides a full complement of popular typeface designs and sizes for general word processing and spreadsheet applications in most Western European languages. This cartridge features both fixed-pitch and proportional fonts in very small sizes for dense spreadsheets to very large fonts for headlines and simple presentations.

The cartridge allows access to the Roman-8, PC-8, PC-8 D/N, and PC-850 symbol sets when used with a HP LaserJet Series II printer. When using the HP LaserJet III, IIID, IID, and IIP printers, the ECMA-94 Latin 1 and DeskTop symbol sets are also available.

92286IC International Collection Font Cartridge \$325.00 ea.

*Landscape available in HP LaserJet printer models which can automatically rotate fonts.

**When using the HP LaserJet III, IIID, IID, and IIP printers, the ECMA-94 Latin 1 and DeskTop symbol sets are also available.

Roman-8, PC-8, PC-8 D/N, and PC-850 symbol sets**

Portrait*	Pitch	Point
Univers Medium	prop.	6, 8, 10, 12
Univers Bold	prop.	8, 10, 12, 14
Univers Italic	prop.	10, 12
CG Times	prop.	8, 10, 12
CG Times Bold	prop.	10, 12, 14
CG Times Italic	prop.	10, 12

Portrait & Landscape	Pitch	Point
Letter Gothic	27.27, 18.75, 16.66, 12, 10	3.6, 6, 9.5, 12, 14
Letter Gothic Bold	12	12
Letter Gothic Italic	12	12
Prestige Elite	16.66, 12	7, 10
Prestige Elite Bold	12	10
Prestige Elite Italic	12	10
Courier Italic	10	12



Organize LaserJet cartridge fonts

They're too valuable to be left out in the open. Stored in our LaserJet font organizer, your cartridge fonts can be easily found when you need them, or locked away in a desk drawer when you don't.

Up to four cartridges can be secured between high-density foam separators in this attractive acrylic box.

92285P Font Organizer
(1 unit) \$42.95 ea.
(2-9) 38.95 ea.
(10+) 34.95 ea.

From headlines to footnotes, we've got the fonts that look best for your work



WordPerfect offers 18 proportional fonts for text documents and desktop publishing.

CG Times is ideal for reports, proposals or letters. Different treatments and point sizes let you italicize, make **bold** statements, and create footnotes or captions.

Univers comes in large-size fonts for creating title pages, headlines and overhead presentations. The DeskTop symbol set in all 18 fonts includes characters for international correspondence.**

C2053A #C01 WordPerfect Font Cartridge \$195.00 ea.

DeskTop symbol set

Portrait*	Pitch	Point
CG Times	prop.	6, 8, 10, 12, 14
CG Times Bold	prop.	8, 10, 12, 14, 18, 24
<i>CG Times Italic</i>	prop.	8, 10, 12, 14
Univers	prop.	14, 18, 24



Microsoft offers a selection of proportionally spaced fonts to give documents in Microsoft Word®, Excel® and Windows® a professional look.

Times Roman says "professional quality" in reports, proposals, letters and other text-intensive documents.

Use Helvetica for highly legible subheads and text. It gives cover sheets and title pages a solid, no-nonsense look without sacrificing readability.

C2053A #C02 Microsoft Font Cartridge \$195.00 ea.

ASCII, Roman-8 and ECMA-94 Latin 1 symbol sets

Portrait*	Pitch	Point
Times Roman	prop.	8, 10, 12
Times Roman Bold	prop.	10, 12, 14
<i>Times Roman Italic</i>	prop.	10, 12
Helvetica	prop.	8, 10, 12
Helvetica Bold	prop.	10, 12, 14
<i>Helvetica Italic</i>	prop.	10, 12
Portrait & Landscape	Pitch	Point
Line Printer	16.66	8.5



Persuasive Presentations is perfect for creating presentations with impact.

Serifa® is a black, 24-point, serif typeface for title blocks and introduction copy.

For a clean, bold, sans serif look, try Presentations fixed-pitch fonts. Several sizes let you create outlines, easy-to-read

transparencies and tabular documents.

Or use Helvetica Outline to emphasize bullet points one at a time. Letter Gothic is included for a clean, typewritten look, along with Line Draw and PC Line symbol sets for borders, shading and bullet points.**

C2053A #C04 Persuasive Presentations Font Cartridge \$195.00 ea.

ASCII and Legal symbol sets

Portrait & Landscape	Pitch	Point
Letter Gothic	10	14
PRESENTATION BOLD	10, 8.1, 6.5, 5.7	14, 16, 18, 24
<i>Extention Outline Black</i>	prop.	24
Serifa Black	prop.	24

PC Line and Line Draw symbol sets

Portrait & Landscape	Pitch	Point
Line Draw	10	14
PC Line	10	14



Global Text offers a selection of proportional, publication-quality fonts.

CG Century Schoolbook® is a popular design well known for its versatility. Use it for correspondence, memos, proposals—all your important business documents.

CG Triumvirate® is an uncluttered, sans serif typeface design that's perfect for cover sheets, title pages, headings or anything you want to stand out.

Global text also includes international characters and symbols so you can communicate in many languages. Five symbol sets give you accents such as acutes (ó), umlauts (ê), tildes (~), and other diacritical marks. Monetary and legal symbols are also included.**

C2053A #C08 Global Text Font Cartridge \$195.00 ea.

Roman-8, PC-8 D/N, PC-850 and DeskTop symbol sets

Portrait & Landscape	Pitch	Point
CG Century Schoolbook	prop.	8, 10
CG Century Schoolbook Bold	prop.	10
<i>CG Century Schoolbook Italic</i>	prop.	10
CG Triumvirate	prop.	10
CG Triumvirate Bold	prop.	14

*Landscape available in HP LaserJet printer models which can automatically rotate fonts.

**The WordPerfect, Persuasive Presentations and Global Text Font Cartridges work with all HP LaserJet printers except the HP LaserJet (2686A), LaserJet PLUS and LaserJet 500 PLUS printers.

Note: Documents printed with Times Roman and Helvetica fonts on other HP LaserJet printer Font Cartridges may format differently when printed with Times Roman and Helvetica fonts found on the Microsoft cartridge.

Presenting complex information? These fonts help you state it clearly



TextEquations is perfect for creating technical documents that look professionally published.

Use proportionally spaced CG Times for long text and Prestige Elite for the clean, practical look of fixed-pitch fonts.

Specialized math and scientific symbols let you use characters like square root ($\sqrt{\quad}$), empty set ($\emptyset$), and pi (π). Text Equations comes with accents such as

acutes ($\acute{o}$) and umlauts ($\ddot{e}$), plus symbols like ‰ , ‰ , ‰ , and more.

C2053A #C07 Text Equations Font Cartridge \$195.00 ea.

Roman-8 and Math-8 symbol sets

Portrait*	Pitch	Point
Prestige Elite	16.66, 12	7, 10
CG Times	prop.	8, 10

Math-7 and Pi Font symbol sets

Portrait*	Pitch	Point
Prestige Elite	12	10
CG Times	prop.	10

Roman-8 symbol set

Portrait*	Pitch	Point
Prestige Elite Bold	12	10
Prestige Elite Italic	12	10
CG Times Bold	prop.	10
CG Times Italic	prop.	10



Polished Worksheets helps you create clean, readable spreadsheets, database and word processing documents.

Prestige Elite and Letter Gothic are fixed-pitch, typewriter fonts for a crisp, typewritten look in reports, letters and lists.

Presentation comes in a larger point size, making it particularly useful for headlines and title blocks. This bold sans serif, fixed-pitch design is great for creating easy-to-read transparencies.

Fixed-pitch spacing is handy for aligning columns to create tables, financial calendars and schedules.

C2053A #C03 Polished Worksheets Font Cartridge \$195.00 ea.

ASCII and Legal symbol sets

Portrait & Landscape	Pitch	Point
PRESENTATION BOLD	8.1	16

Roman-8, ECMA-94 Latin 1, Legal, PC-8, PC-8 D/N and PC-850 symbol sets

Portrait & Landscape	Pitch	Point
Prestige Elite	16.66, 12	7, 10
Prestige Elite Bold	12	10
Prestige Elite Italic	12	10
Letter Gothic	27/27, 12	3.6, 12
Letter Gothic Bold	12	12
Letter Gothic Italic	12	12



Forms Etc. works with your forms creation software to help you develop and update business forms.

Univers and display Helvetica Condensed Black fonts are ideal for the text, large titles and numbers in your forms. Create boxes, borders, rows and columns with Tax Line Draw, or forms that can be read by optical character recognition devices with the OCR-A font.**

C2053A #C05 Forms Etc. Font Cartridge \$195.00 ea.

Roman-8, PC-8 and PC-850 symbol sets

Portrait & Landscape	Pitch	Point
Univers	prop.	6, 8
Univers Bold	prop.	8, 10, 12, 14

Tax Line Draw symbol set

Portrait & Landscape	Pitch	Point
Tax Line Draw	10	12

Tax Number symbol set

Portrait & Landscape	Pitch	Point
HELVETICA CONDENSED BLACK	prop.	24

OCR-A symbol set

Portrait & Landscape	Pitch	Point
OCR-A	10	12



Bar Codes & More lets you create your own bar codes with seven automatic identification fonts. Bar Codes & More has what you need, from ZIP bar codes

to 3 of 9.**

C2053A #C06 Bar Codes & More Font Cartridge \$195.00 ea.

Roman-8 symbol set

Portrait & Landscape	Pitch	Point
Letter Gothic	16.66, 12, 10	9.5, 12, 14

OCR A symbol set/OCR B symbol set

Portrait	Pitch	Point
OCR-A, OCR-B	10	12

Line Draw symbol set

Portrait & Landscape	Pitch	Point
Line Draw	10	12

Code 3 of 9 symbol set

Portrait	Pitch	Point
Code 3 of 9	8.1, 4.6	12

UPC symbol set

Portrait	Pitch	Point
EAN/UPC 10mil (Medium)	prop.	12
EAN/UPC 13mil (Bold)	prop.	12

Zip Code symbol set

Portrait & Landscape	Pitch	Point
USPS Bar Code	prop.	12

*Landscape available in HP LaserJet printer models which can automatically rotate fonts.

**Extensive testing has been done on these bar code and OCR fonts; however, HP cannot warrant that the bar codes and OCR characters are readable with all bar code or OCR reading devices.

Note: These Font Cartridges work with all HP LaserJet Printers except the HP LaserJet (2686A), LaserJet PLUS and LaserJet 500 PLUS printers.



Note: All products include 3.5- and 5.25-inch disk formats (720- and 360 Kbytes respectively).

Turn scalable typefaces into the sizes of fonts you need

Have you ever wished you could make a headline a little larger or a footnote a little smaller? HP's Type Director program manages and downloads all your HP disk-based scalable typefaces, letting you scale (shrink or enlarge) typefaces as needed. All these features are included:

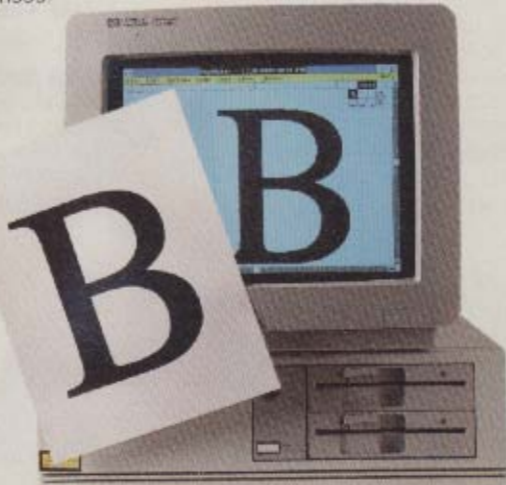
- Scales typefaces from 4 to 200 points (or 0.25 to 999.75 points with an HP LaserJet III or IIID printer).
- Creates abbreviated symbol sets, so large fonts use less computer and printer memory.
- Tells you how much printer memory you'll need before you download fonts.
- Creates screen fonts that match your printer fonts for graphical user interfaces, such as Windows and HP NewWave.

As a good introduction to the HP MasterType Library of scalable typefaces, **Premier Collection** offers HP Type Director 2.0 with a disk-based collection of standard and novelty typefaces, including *CG Times* (4 typefaces), *Univers Medium* (4 typefaces), *Brush*, *Dom Casual*, *Park Avenue* and *Uncial*.

C2052B #ABA Premier Collection with Type Director 2.0 (3.5-in. disks)	\$195.00 ea.
C2054B #ABA Premier Collection with Type Director 2.0 (5.25-in. disks)	195.00 ea.
C2057B #ABA Type Director Version 2.0 Upgrade Kit. No typefaces included (3.5-in. disks)	40.00 ea.
C2058B #ABA Type Director Version 2.0 Upgrade Kit. No typefaces included (5.25-in. disks)	40.00 ea.

System requirements: IBM PC XT, AT, PS/2 or compatibles with 640K RAM. It requires MS-DOS 3.1 or later (except 4.0) and at least 2 Mbytes of hard disk capacity. Printers: All HP LaserJet printers except Model 2666A, HP DeskJet, HP DeskJet PLUS, HP PaintJet XL and Epson/IBM dot matrix printers. Software: Aldus PageMaker 1.0a, 3.0, Lotus Manuscript, Microsoft Windows 2.03, 2.1, 3.0, Microsoft Word 4.0, 5.0, WordPerfect 5.0, 5.1, WordStar 5.5, 6.0, Xerox Ventura Publisher 2.0, or any software which reads HP LaserJet printer soft font files. Type Director is required to scale HP scalable typefaces on non-PCL printers such as the HP LaserJet Series II family of printers.

The Type Director program scales typefaces to the size you need.



NOTE: HP LaserJet III and IIID users, even though the LaserJet III and IIID printers come standard with type scaling capabilities and four CG Times and four Univers typefaces, you may still want the Type Director program for creating matching screen fonts and for installing additional typefaces. If you do not need screen fonts, you may not require Type Director, as the AutoFont Support Installer utility included with all HP typefaces is capable of installing typefaces into software with AutoFont Support.

Design away...with disk-based scalable typeface collections!

Scalable typefaces are available in economical Scalable Typeface Disk Collections, for all HP LaserJet printers except the 2666A, leaving your cartridge slot available for other uses. Scalable Typeface Disk Collections need Type Director font management program to install and scale typefaces.

Distinctive Documents I An excellent collection of practical business typefaces for word processing applications such as correspondence, catalogs, manuals and reports. Collection includes *CG Century Schoolbook*, *ITC Souvenir Light*, *Univers Medium Condensed*.

C2050A #D80 Distinctive Documents I Scalable Typeface Disk Collection (3.5- and 5.25-in. disks) \$199.00 ea.

Compelling Publications I This is a must for desktop publishers! A step above Distinctive Documents I, this collection meets a wider variety of office printing needs, allowing you to create eye-catching brochures, flyers and tables. Collection includes *Antique Olive*, *CG Palacio*, *Stymie Medium*.

C2050A #D81 Compelling Publications I Scalable Typeface Disk Collection (3.5- and 5.25-in. disks) \$199.00 ea.



Brilliant Presentations I The typefaces in this collection give you just the right blend of splash and practicality to present your ideas in proposals, slides, plans, and other business presentation and publication applications. Collection includes: *ITC Benguiat Book*, *ITC Bookman Light*, *Shannon Book*.

C2050A #D82 Brilliant Presentations I Scalable Typeface Disk Collection (3.5- and 5.25-in. disks) \$199.00 ea.

Compelling Publications II Bring eye-catching elegance to office documents ranging from reports and proposals to letters and memos with this collection of distinctive, yet refined, typefaces. Collection includes: *CG Bodoni Book*, *Garamond Antiqua*, *CG Omega*.

C2050A #D83 Compelling Publications II Scalable Typeface Disk Collection (3.5- and 5.25-in. disks) \$199.00 ea.

Decorative Words I Express yourself with words and pictures. Nine script and novelty typefaces let you create any mood from formal or elegant to casual and relaxed. Add impact to promotional pieces. Collection includes one typeface from each of the following: *Brush*, *Cooper Black*, *Dom Casual*, *Park Avenue*, *Revue Light*, *Revue Shadow*, *Uncial*, *Univers Roman*, *ITC Zapf Dingbats* (X, O, S, etc.).

C2050A #D84 Decorative Words I Scalable Typeface Disk Collection (3.5- and 5.25-in. disks) \$199.00 ea.

Treat your LaserJet Series II and IID to extra memory — treat yourself to high-resolution graphics!

Plug a 1, 2 or 4 Mbyte memory board into your HP LaserJet Series II family printer and quickly print both full-page 300 x 300 dot-per-inch graphics and multiple soft fonts. A must for printing high-resolution charts, presentations and diagrams, or for desktop publishing applications.

1 Mbyte Memory Board is perfect for the single user who has a dedicated HP LaserJet and uses only a few standard

sized soft fonts per document or prints presentation-quality graphics.

33443B 1 Mbyte Memory Board \$335.00 ea.

2 Mbyte Memory Board is excellent for several users who share an HP LaserJet or for a sophisticated single user who needs many fonts or forms accessible in memory.

33444B 2 Mbyte Memory Board \$560.00 ea.

4 Mbyte Memory Board is great for HP LaserJet printers shared by several users who need access to a variety of complex forms, detailed graphics or a wider selection of larger point-size fonts.

33445B 4 Mbyte Memory Board \$1495.00 ea.

Note: These memory boards work only with the HP LaserJet Series II and IID printers.



Improve your LaserJet's performance with easy-to-install memory boards!

For your HP LaserJet IIP, IIL and IID printers, you can easily install 1 Mbyte or 2 Mbyte boards in one or both of your printer's available memory slots. The two memory slots allow you to add up to 4 Mbytes of memory, enabling you to perform more sophisticated jobs by downloading more fonts, forms, macros, and graphics to the printer.

33474B 1 Mbyte memory board for HP LaserJet IIL, IID and IIP printers \$335.00 ea.

33475B 2 Mbyte memory board for HP LaserJet IIL, IID and IIP printers \$560.00 ea.

Note: These memory boards work only with the HP LaserJet IIP, IIL and IID printers.

Enjoy more typefaces with Scalable Typeface Cartridge Collections!

Scalable collections let you enjoy 25-26 new typefaces — in any size you want — with just one cartridge. Disk typefaces are included so you can generate screen fonts with Type Director (see page 19). Most typeface families are available in four typefaces: regular, bold, italic and bold italic. Whether your needs are for word processing, presentations or specialty documents, these collections organized by type of application can make your work look its best.

Distinctive Documents I, Compelling Publications I Liven up your business documents with a healthy mix of practical and appealing cartridge-based scalable typefaces. Includes these scalable typefaces: **Antique Olive**, **CG Century Schoolbook**, **CG Palacio**, **ITC Souvenir Light**, **Stymie Medium**, **Univers Medium Condensed**, and one typeface of **ITC Zapf Dingbats**.

C2050B #C80 Distinctive Documents I, Compelling Publications I Scalable Typeface Cartridge Collection (3.5-in. disks*) \$399.00 ea.

C2050B #C90 Distinctive Documents I, Compelling Publications I Scalable Typeface Cartridge Collection (5.25-in. disks*) \$399.00 ea.

Brilliant Presentations I, Compelling Publications II The power of persuasion is yours with these attention-getting, cartridge-based scalable typefaces. Includes **ITC Benguiat Book**, **CG Bodoni Book**, **ITC Bookman Light**, **Garamond Antiqua**, **CG Omega**, **Shannon Book**, and one typeface of both **Cooper Black** and **Revue Light**.

C2050C #C80 Brilliant Presentations I, Compelling Publications II Scalable Typeface Cartridge Collection (3.5-in. disks*) \$399.00 ea.



C2050C #C90 Brilliant Presentations I, Compelling Publications II Scalable Typeface Cartridge Collection (5.25-in. disks*) \$399.00 ea.

*Disks included for screen fonts.

NOTE: Scalable Typeface Cartridges support HP LaserJet IIL and IID printers only.

Get back to your PC seconds after you print or plot—with PrintCache

If you spend any time at all waiting for your printer to create charts or print long documents or spreadsheets, PrintCache is just what you've been waiting for. PrintCache is a software spooler designed to get you back to work quickly—by letting you print and use your PC at the same time.

PrintCache is an easy-to-install software package that works on any MS-DOS PC—there's no need for special cards, boxes, or cables. Once you install it on your system, it works automatically every time you print. You'll see a twenty to one hundred-fold increase in buffering speed, without affecting the print time. And PrintCache works with any software, printer or plotter, in a stand-alone, shared printer or network environment.

PrintCache works like this: when you give a print command from your application, PrintCache "grabs" the output and stores it in either RAM memory or on your hard disk. Then, while

PrintCache prints the file, you can use your PC—within seconds, not minutes. As a result, you get much more done in much less time. It's ideal for graphics-intensive applications such as desktop publishing or CAD—the more complex the output, the more time you'll save.

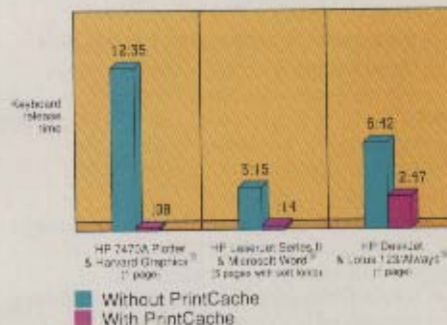
So what are you waiting for? Let PrintCache save you time everytime you plot or print. Contains 3.5- and 5.25-in. disks.

35177C PrintCache software for all HP printers. \$149.00 ea.



Tired of waiting for your PC to download fonts or print spreadsheets and long reports? With PrintCache, waiting time can be reduced to seconds—no matter what application, printer or plotter you use.

PrintCache can dramatically reduce your printing wait time



All tests were conducted with an IBM PC compatible, 286, running at 10 Mhz. The HP 7470A and HP LaserJet were connected with a serial cable at 9600 baud, and the HP DeskJet was connected with a parallel cable.



Make your Macintosh 100% compatible with your HP LaserJet Printer!

If you want the WYSIWIG capabilities of your Macintosh® and the speedy 300 dot-per-inch printing capabilities of your HP LaserJet, you want MacPrint®.

This innovative software operates with standard Macintosh printer dialog boxes, so you print great text, memos and graphics.

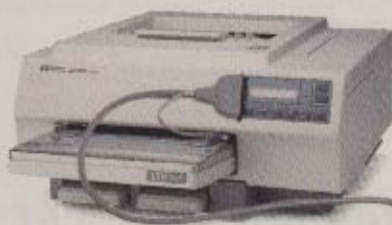
At the same time, MacPrint accesses

your LaserJet's internal cartridge fonts, (see pages 5, 14-19)—so you avoid time-consuming postscript font generation.

Install MacPrint in minutes—you'll enjoy LaserJet-quick, 300 dot-per-inch graphics, at the click of a button! Available on 3.5-in or 5.25-in. disks.

35177A MacPrint® \$149.00 ea.

Enhance your IBM PS/2 with LaserJet power



Plug in this Centronics® Cable to link your HP LaserJet Series II printer to IBM PC, PS/2 or PC/XT.

Our cable can also be used to connect an HP Vectra or Portable Vectra CS to a ThinkJet, QuietJet and all desktop HP LaserJet printers. (24540B Serial/Parallel Interface Card required; see page 142.)

92284A Centronics® Cable. Length 2m (6.6 ft.) \$39.00 ea.



Macintosh graphics come alive when you print them on a LaserJet.



Generate forms from your PC

Are you still typing pre-printed business forms? Let JetForm software automate the process.

JetForm lets you design business forms or labels with your HP LaserJet printer. Store your blank forms electronically. Then complete them when needed—directly from your PC!

JetForm software system comes in two parts:

JetForm Design: Contains the electronic forms features you need to develop forms, including form design, HP ScanJet compatibility, screen form fill-in, file merge and a run-time version of MS Windows.

JetForm Print: A subset of JetForm Design with features necessary to fill in forms only. Two versions are available:

- IBM PC/AT version including a run-time version of Microsoft® Windows™.

- IBM PC/XT version without MS Windows.

An HP LaserJet Series II or III family printer is required to use JetForm software.

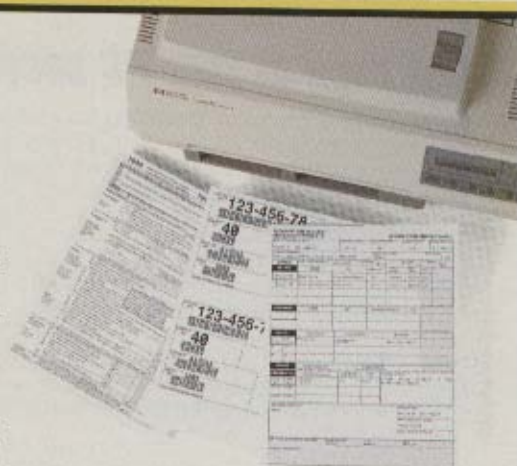
35188E JetForm Design for HP Vectra PCs and other IBM/AT compatibles with mouse \$495.00 ea.

35188G JetForm Print Windows for HP Vectra PCs and other IBM AT/compatibles

(1 unit) \$199.00 ea.
(2-4) 180.00 ea.
(5+) 170.00 ea.

35188H JetForm Print for IBM PC/XT and compatibles

(1 unit) \$199.00 ea.
(2-4) 180.00 ea.
(5+) 170.00 ea.



Produce your own forms, then fill in the blanks on the screen or by merging with computer files.

Get crisp drawings from your HP LaserJet with PrintAPlot Software

Take advantage of engineering and business-graphics software applications from the comfort of your desk with PrintAPlot® 1.0.

This innovative software lets you produce high-resolution drawings directly from your IBM-compatible PC. Because PrintAPlot makes your HP LaserJet printer emulate an HP 7475A, 7470A or ColorPro Plotter, you produce graphics as easily as printing correspondence from your existing printer.

Works in a hurry PrintAPlot handles drawings quickly because it employs a unique data compression routine that speeds up printing without printer memory upgrades. What's more, PrintAPlot produces multiple graphics unattended. Put it to



With PrintAPlot, your output will be this clean, this visually descriptive!

work printing your graphs, charts and slides while you work on other things!

Great looking graphics Depend on PrintAPlot for black and white graphics that communicate like color. That's because PrintAPlot lets you translate colors into one of 72 combinations of line width and gray texture. You capture every tone and detail. And details hold up to photocopying and faxing.

Save time, save energy Get PrintAPlot today. It's available on 5.25-inch disks for the HP Vectra PC and other IBM PC compatibles, and is supported by Insight Development Corporation.

35177T PrintAPlot® 1.0 Software \$149.00 ea.

Print envelopes or spreadsheets in multiple styles and sizes

LaserControl® gives you control of your LaserJet's full range of capabilities.

A single stroke of your PC keyboard activates a pop-up menu, allowing you to print on envelopes, download and access cartridge and soft fonts for word-processing software.

It even lets you combine timesteps and typesizes within a spreadsheet—without the inconvenience of leaving your software application.

You install LaserControl on your HP Vectra PC or other IBM-PC compatible in mere minutes.

And there's no need to upgrade your existing software with new printer drivers for your HP LaserJet. Simply use LaserControl's built-in ability to emulate Epson,

NEC, Qume or IBM printers. Then pop-up LaserControl for legal, envelope tray or even two-sided printing with the HP LaserJet Series IID or IID printer.

LaserControl works with Lotus® 1-2-3®, DisplayWrite® and other popular applications. Available in 5.25-in. discs.

35190J LaserControl® Software \$150.00 ea.



LaserControl lets you access the many timesteps and sizes of your cartridge fonts, without exiting from your software application.



Natalie
123 Landcastle
F-86000 Pointers, P.
123
Denver, Co
Powell
2140/50
Buenos Aires, Argentina

If you're looking for ways to simplify mass mailings, look to HP Labels.

Specifically designed for use with all desktop HP LaserJet and DeskJet printers, they virtually eliminate hand-work. All you need is your PC and database or word processing software. If you want to repeat a mailing, there's no need for retyping—simply edit your list and print a new batch!

HP Printer Labels come in a variety of sizes to meet your mailing needs, including package, file folder, envelope, diskette and full sheet sizes.

Because they're designed exclusively for desktop HP LaserJet and DeskJet printers, our labels print crisp and dark and survive all shipping and handling situations without fading. Available in boxes of 100, 8.5 x 11-in. sheets, except where noted.



Mass mailing are a cinch with HP Printer Labels

HP LaserJet and DeskJet Printer Labels

Description	Label height	Label width	Number per page	Product number	Price
Addressing	1"	2 5/8"	30	92296A	(1 box) ... \$32.00 ea. (2-9) ... 27.00 ea. (10-19) ... 24.00 ea. (20+) ... 21.00 ea.
Addressing	1 1/2"	4"	14	92296B	
Addressing	1"	4"	20	92296C	
Addressing/Shipping	2"	4"	10	92296D	
Shipping	3 1/4"	4"	6	92296E	
Return address	1/2"	1 3/4"	80	92296F	
File folder	4 1/2"	3 1/2"	30	92296G	
Full sheet poster	8 1/2"	11"	1	92296K	
3.5 in. disk label	2 3/4"	2 3/4"	9	92296H*	(1 box) ... \$44.00 ea. (2-9) ... 39.00 ea. (10-19) ... 34.00 ea. (20+) ... 30.00 ea.
5.25 in. disk label	1 1/2"	4"	12	92296J*	

*Contains 75 8.5 x 11-inch sheets

Note: Labels are designed for automatic feeding into HP LaserJet Series II, IID, HP II, and IID printers, and DeskJet, DeskJet PLUS, and DeskJet 500 printers only. Please manually feed labels into the back of LaserJet, LaserJet PLUS or LaserJet 500 PLUS printers to assure continued maintenance support.

Save time designing and printing your labels with LabelPro software; see page 5 for more details

Quick overheads from an HP LaserJet? With our transparency film, you bet!

Now you can produce transparencies directly from your PC and desktop HP LaserJet printer, as easily as typing a memo!

With HP LaserJet film, words or graphics generated from your word processing, spreadsheet or graphics applications are ready for overhead projection in seconds. You can even use large-sized LaserJet fonts to create attention-getting text.

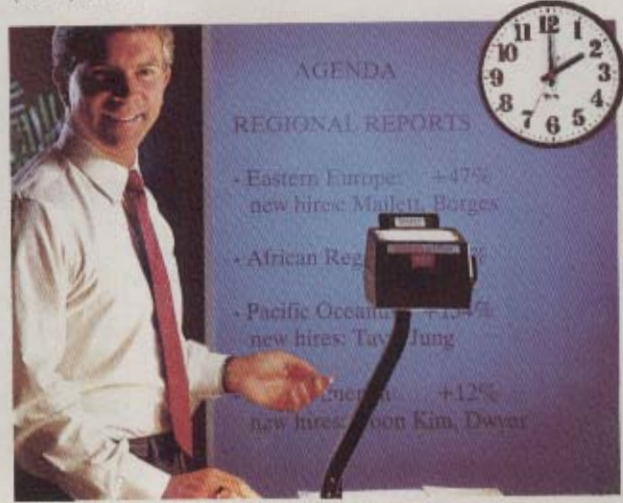
Save time and frustration by simply placing the HP film into

your printer tray and printing your presentation right onto the overhead—no more trips to the photocopier just before your meeting! Available in 50-sheet boxes.

92296T HP LaserJet Overhead Transparency Film	
(1 box)	\$25.00 ea.
(2-9)	22.00 ea.
(10-49)	19.25 ea.
(50+)	17.50 ea.



Print transparencies directly from PC to LaserJet.



...your concepts are ready for the screen in moments.

Leave your HP LaserJet IIP printer alone

Here's the answer to "hands-off" printing on the HP LaserJet IIP printer. Print up to 300 sheets with no interruptions on your HP LaserJet IIP printer with our optional Lower Cassette. Used in conjunction with the built-in, 50-sheet Multi-Purpose tray, the optional Lower Cassette allows you to expand the printing capacity with one of four, 250-sheet trays.

The optional Lower Cassette also converts your HP LaserJet IIP printer into a dual-bin printer, giving you the flexibility to print letterhead from the Multi-Purpose tray and second sheets and memos from the optional Lower Cassette—without even touching the printer.

The optional Lower Cassette saves desk space, too! By attaching to the bottom of the printer, the optional Lower Cassette allows trays to slide flush underneath the printer. Standard jobs can be run with the Multi-Purpose tray closed, freeing up more desk space. For those special projects that require manual feeding of media (such as labels), the Multi-Purpose tray simply pulls down to open.

33472A Optional Lower Cassette (includes letter-size tray) . . . \$195.00 ea.

See page 25 for additional printer trays.



The optional Lower Cassette attaches easily to the bottom of your HP LaserJet IIP printer—allowing you to quickly expand your printer's capabilities.

Protect your printer

Shield your LaserJet printer from dust and spills with this 100 percent cotton dust cover. It's custom-fitted for a professional look and durable enough to last for years. And because our dust cover is styled to complement your printer, it can enhance the appearance of your office as well.

92259G Dust cover for the HP LaserJet Series II or IID* printer . . . \$30.00 ea.

92259C Dust cover for the HP LaserJet, LaserJet PLUS and LaserJet 500 PLUS printers . . . \$30.00 ea.

92259V Dust Cover for the HP LaserJet III or IIID* printer . . . \$30.00 ea.

92259T Dust Cover for the HP LaserJet IIP printer . . . \$20.00 ea.

*Dust covers will fit the HP LaserJet IID and IIID printers without the envelope feeder.



Print up to 50 envelopes on your HP LaserJet IID or IIID printer, automatically!

Now you can print as many as 50 two-page letters—letterhead and a second page—plus matching envelopes, right on your LaserJet IID or IIID printer, quickly, easily and automatically.

That means no more switching from printer to typewriter to print envelopes.

And no more entering mailing data twice, because this electronic feeder works with the mail-merge function of most popular word processing applications. You no longer have to waste time collating your pages and envelopes—the printer and software do it for you!

This Envelope Feeder adds a third tray to your printer, so you won't have to waste time swapping paper trays or manually feeding envelopes.

It plugs right into your printer, so set-up is easy, and works with most major word processing programs with envelope feeder drivers.

And it's perfect for handling business- and letter-size envelopes, as small as 86 x 178mm (3.4 x 7 in.) and as large as 119 x 236mm (4.7 x 9.3 in.).

33457A Envelope feeder for the HP LaserJet Series IID printer . . . \$350.00 ea.

33458A Envelope feeder for the HP LaserJet IIID printer . . . \$350.00 ea.

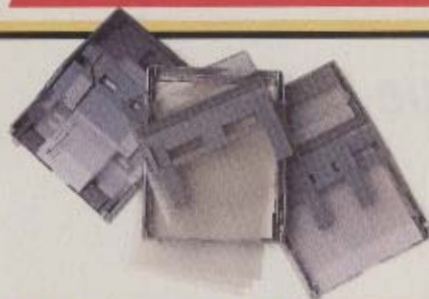


Don't waste time swapping trays! Print envelopes and two-page letters in an instant.

Get more from your HP LaserJet, subscribe to the LaserJet Journal

For updates on new products, and tips and techniques to better use your HP LaserJet Printer, subscribe to the *LaserJet Journal*. Working closely with HP, the *LaserJet Journal* writes articles based on actual customer questions from the HP Printer Hotline. Each bi-monthly issue is filled with articles such as:

- Six rules for using Lotus®
 - Printing envelopes easily
 - Managing fonts
 - Updates on the latest HP LaserJet software
 - HP LaserJet and WordPerfect
- Yearly subscriptions are \$49 in the U.S., and \$69 elsewhere. All payments should be in U.S. funds. Call or write: *LaserJet Journal, Inc.*, 1945 Techny Road, Northbrook, IL 60062, U.S.A. (800) 323-2686 (in IL: 708-498-0920)



Change paper in a snap with replacement LaserJet printer trays

Printer trays let you switch paper color, size or type in mere moments! Keep extras close by. You'll be able to change from letter to legal paper or labels to transparencies, as easily as slipping out one tray and sliding in another.

HP LaserJet printer trays and accessories

Description	Product no.	Price
For HP LaserJet Series III and IID printers:	92297B	(1-2 trays) ... \$69.00 ea. (3+) ... 59.00 ea.
U.S. letter-size tray. Holds 200 sheets sizes 216 × 279mm (8.5 × 11 in.).		
U.S. legal-size tray. Holds 200 sheets sizes 216 × 356mm (8.5 × 14 in.).	92297C	(1-2 trays) ... \$79.00 ea. (3+) ... 69.00 ea.
Metric A4-size tray. Holds 200 sheets sizes 210 × 297mm (8.3 × 11.7 in.).	92297D	(1-2 trays) ... \$69.00 ea. (3+) ... 59.00 ea.
Executive-size tray. Holds 100 sheets sizes 184 × 267mm (7.25 × 10.5 in.).	92297E	(1-2 trays) ... \$75.00 ea. (3+) ... 65.00 ea.
Envelope tray. Holds 15 envelopes sized between 86 × 178mm (3.4 × 7.0 in.) and 188 × 267mm (7.4 × 10.5 in.).	92297F ⁴	(1-2 units) ... \$89.00 ea. (3+) ... 79.00 ea.
Replacement top cover for 92297B/D/E trays.	92297R	\$28.00 ea.
Replacement top cover for 92297C trays.	92297S	\$28.00 ea.
For HP LaserJet IIP printers:	92275B ³	(1-2 trays) ... \$69.00 ea. (3+) ... 59.00 ea.
U.S. letter-size tray. Holds 250 sheets sizes 216 × 279mm (8.5 × 11 in.).		
U.S. legal-size tray. Holds 250 sheets sizes 216 × 356mm (8.5 × 14 in.).	92275C ³	(1-2 trays) ... \$79.00 ea. (3+) ... 69.00 ea.
Metric A4-size tray. Holds 250 sheets sizes 210 × 297mm (8.3 × 11.7 in.).	92275D ³	(1-2 trays) ... \$69.00 ea. (3+) ... 59.00 ea.
Executive-size tray. Holds 250 sheets sizes 184 × 267mm (7.25 × 10.5 in.).	92275E ³	(1-2 trays) ... \$75.00 ea. (3+) ... 65.00 ea.
Envelope tray. Holds 20 envelopes sized between 86 × 178mm (3.4 × 7.0 in.) and 188 × 267mm (7.4 × 10.5 in.).	92275F ³	(1-2 trays) ... \$89.00 ea. (3+) ... 79.00 ea.
For HP LaserJet Series II and IID family of printers:	92295B	(1-2 trays) ... \$69.00 ea. (3+) ... 59.00 ea.
U.S. letter-size tray. Holds 200 sheets sizes 216 × 279mm (8.5 × 11 in.).		
U.S. legal-size tray. Holds 200 sheets sizes 216 × 356mm (8.5 × 14 in.).	92295C	(1-2 trays) ... \$79.00 ea. (3+) ... 69.00 ea.
Metric A4-size tray. Holds 200 sheets sizes 210 × 297mm (8.3 × 11.7 in.).	92295D	(1-2 trays) ... \$69.00 ea. (3+) ... 59.00 ea.
Executive-size tray. Holds 100 sheets sizes 184 × 267mm (7.25 × 10.5 in.).	92295E	(1-2 trays) ... \$75.00 ea. (3+) ... 65.00 ea.
Envelope tray. Holds 15 envelopes sized between 86 × 178mm (3.4 × 7.0 in.) and 188 × 267mm (7.4 × 10.5 in.).	92295F ⁴	(1-2 units) ... \$89.00 ea. (3+) ... 79.00 ea.
Replacement top cover for 92295B/D/E paper trays for the LaserJet Series II family of printers.	92295R	\$28.00 ea.
Replacement top cover for 92295C paper trays for the LaserJet Series II family of printers.	92295S	\$28.00 ea.
Replacement ozone filter for LaserJet IID. Box of two.	92295Q	\$44.00 ea.
Replacement top cover for use with envelope feeder 33457A.	92295U	\$28.00 ea.
For HP LaserJet and LaserJet PLUS printers:	92285B ^{1,2}	\$59.00 ea.
U.S. letter-size tray. Holds 100 sheets sizes 216 × 279mm (8.5 × 11 in.).		
U.S. legal-size tray. Holds 100 sheets sizes 216 × 356mm (8.5 × 14 in.).	92285C ²	\$59.00 ea.
Metric A4-size tray. Holds 100 sheets sizes 210 × 297mm (8.3 × 11.7 in.).	92285D ^{1,2}	\$59.00 ea.
Metric B5-size tray. Holds 100 sheets sizes 182 × 254mm (7.2 × 10 in.).	92285E ²	\$59.00 ea.
Forward Collator for the LaserJet and LaserJet PLUS printers. Holds 200 pages.	92285F	\$49.95 ea.
Replacement Output Shelf—holds letter size 216 × 279mm (8.5 × 11 in.) paper. For the LaserJet and LaserJet PLUS printers.	92285Q	\$10.00 ea.
Replacement Auxiliary Output Shelf Extension to attach to 92285Q Output Shelf (see above). Holds legal size 216 × 356mm (8.5 × 14 in.) paper. For LaserJet and LaserJet PLUS printers.	92285R	\$10.00 ea.
Replacement LaserJet Manual Input Tray for the LaserJet and LaserJet PLUS printers.	92285S	\$10.00 ea.
For LaserJet 500 PLUS printers:	92287B ²	\$99.00 ea.
U.S. letter-size tray. Holds 250 sheets sizes 216 × 279mm (8.5 × 11 in.).		
U.S. legal-size tray. Holds 250 sheets sizes 216 × 356mm (8.5 × 14 in.).	92287C ²	\$99.00 ea.
Metric A4-size tray. Holds 250 sheets sizes 210 × 297mm (8.3 × 11.7 in.).	92287D ²	\$99.00 ea.
Metric B5-size tray. Holds 250 sheets sizes 182 × 254mm (7.2 × 10 in.).	92287E ²	\$99.00 ea.
Service Kit for the LaserJet, LaserJet PLUS and 500 PLUS printers (contains 2 separator belts, and 2 felt cleaner pads).	92285T	\$19.50 ea.

¹Also compatible with HP RuggedWriter 400 printer.

²Requires optional Lower Cassette (see page 24).

³Users may find that the envelope tray has a slightly higher jam rate than cut-sheet trays. We recommend that you test the envelopes you'll be printing before purchasing large quantities.

⁴Note: HP LaserJet Series II and IID trays are interchangeable with trays for the HP LaserJet III and IID but look substantially different.

²Quantity break prices are available.

Who says a printer cabinet has to cost more to be better? Not the designers of our printer cabinet!

Thanks to your input, we've revamped our HP LaserJet printer Cabinet.

We kept the quality—it's still sturdy as ever and perfectly compatible with your *Design Plus* furniture. It accommodates months of daily printing supplies. And it still has heavy-duty, lockable casters.

But our Cabinet now comes fully assembled, so you can use it the moment it arrives. And it's priced substantially less—less, in fact, than any other high-quality printer cabinet on the market today.

We even added a slot under the Cabinet top for easy attachment to other *Design Plus* components with our Bracket Kit (see page 106).

Shouldn't you add our HP LaserJet printer Cabinet to your workplace?



The printer Cabinet now attaches firmly to *Design Plus* tables (like the 92214A pictured), and provides ample space for manuals, printer trays, toner cartridges, months of paper, and fonts.



Our redesigned LaserJet printer Cabinet is ready to use, right out of the box!

92211D HP LaserJet printer Cabinet	
(1-2)	\$385.00 ea.
(3-9)	365.00 ea.
(10+)	345.00 ea.

Interested in our top-quality *Design Plus* furniture? Flip ahead to pages 104 to 109.

Our big organizer for small spaces puts your HP LaserJet printer—and supplies!—on any table



Need a place for your LaserJet printer and supplies, but short of space for a free-

standing cabinet or printer stand?

No problem! Our compact Organizer positions your printer and supplies on a table or desktop.

It's custom-designed for your LaserJet's footprint, so our Organizer doesn't waste one inch of precious space. And it's designed to accommodate the supplies you need most often.

Consolidate your supplies Our Organizer has three slots underneath for legal and regular-size paper trays. It also has a drawer with foam compartments to hold up to



Slots store extra printer trays handy, while foam compartments hold up to four font cartridges and six disk-based fonts.

four font cartridges and a half-dozen soft-fonts in place.

Completely compatible The Organizer's quality construction, gray matte laminate finish, circular handle and contemporary design blend handsomely with *Design Plus* tables and cabinets.

Tough rubber molding on its edges protect your equipment by absorbing bumps and knocks. And the molding on the bottom minimizes skidding by creating additional friction.

The LaserJet printer Organizer comes assembled and ready to use. It measures 228.6 H x 457.2 W x 457.2 D mm (9 H x 18 W x 18 D in.).

92186J HP LaserJet printer Organizer	
(1-2)	\$149.00 ea.
(3-9)	141.00 ea.
(10+)	134.00 ea.

Laser printer supplies & accessories

Printer	Description	Product number	Price
LaserJet 2000	Toner. Box contains two .5 kilogram bags. Will print approx. 14,000 216 x 279mm (8.5 x 11 in.) pages	92282A	(1-4 boxes) \$93.00 ea. (5-12) 83.00 ea. (13-24) 75.00 ea. (25+) 70.00 ea.
	Standard Extra Paper Cassette Tray. 216 x 279mm (8.5 x 11 in.) Holds 250 sheets, landscape orientation.	92282B	(1-2 trays) \$99.00 ea. (3-9) 90.00 ea. (10+) 80.00 ea.
	Legal Extra Paper Cassette Tray. 216 x 356mm (8.5 x 14 in.) Holds 250 sheets, portrait orientation.	92282C	(1-2 trays) \$99.00 ea. (3-9) 90.00 ea. (10+) 80.00 ea.
	Extra Paper Cassette Tray. Metric A4 210 x 297mm (8.3 x 11.7 in.) Holds 250 sheets, landscape orientation.	92282D	(1-2 trays) \$99.00 ea. (3-9) 90.00 ea. (10+) 80.00 ea.
	Executive Paper Cassette Tray. 184 x 267mm (7.25 x 10.5 in.) Holds 250 sheets, portrait orientation.	92282E	(1-2 trays) \$99.00 ea. (3-9) 90.00 ea. (10+) 80.00 ea.
	Ledger Paper Cassette Tray. 275 x 432mm (11 x 17 in.) Holds 250 sheets, portrait orientation.	92282F	(1-2 trays) \$99.00 ea. (3-9) 90.00 ea. (10+) 80.00 ea.
	Extra Paper Cassette Tray. Metric A3 297 x 420mm (11.7 x 16.5 in.) Holds 250 sheets, portrait orientation.	92282G	(1-2 trays) \$99.00 ea. (3-9) 90.00 ea. (10+) 80.00 ea.
	Toner Disposal Boxes. Package of four.	92282P	\$26.00 pkg.
	Plug-in Cartridge Font Organizer. Stores up to 4 fonts in sturdy acrylic box. Hinged lid keeps out dust (see page 24).	92285P	(1 unit) \$42.95 ea. (2-9) 38.95 ea. (10+) 34.95 ea.
	Paper. Continuous feed, 18 lbs. (69-gm/sq meter), 305 x 216mm (12 x 8.5 in.), 3600 sheets/box, 45 boxes/pallet. Available in pallet quantities only.	92184A	(1-2 pallets) \$1750.00 ea. (3+) 1650.00 ea.
2680A/2685A/2689A Laser printer	Toner. 12-one kilogram bags per box. 3000,000 to 400,000 pages per box. For HP 2680 and 2689A.	92180A	(1 box) \$405.00 ea. (2-3) 380.00 ea. (4-5) 345.00 ea. (6+) 335.00 ea.
	Drum Kit. Includes new cleaner blade.	92180D	\$230.00 ea.
	Disposal Containers. Box of 6 for spent toner collection.	92181A	(1-2 boxes) \$78.00 ea. (3-5) 70.00 ea. (6+) 66.00 ea.
	Carrier. Box of 24 bottles. (Product sold by weight, not volume.)	92182A	(1-3 boxes) \$74.00 ea. (4-9) 70.00 ea. (10+) 68.00 ea.
	Developer. Box of 6 bottles. Use 1 bottle per drum replacement.	92182D	215.00 ea.
	Splicing Tape. Box of 6 rolls.	92183A	\$72.00 ea.
	Toner. Box of 6 bottles plus one empty collection bottle. For HP 2687A and 2688A.	92185A	(1 box) \$89.00 ea. (2-5) 83.00 ea. (6+) 79.00 ea.
	Cleaning Pads. Box of 3. 60,000 cleanings per box	92185B	(1 box) \$76.00 ea. (2-5) 69.00 ea. (6+) 65.00 ea.
	Ozone Filters. Box of 3.	92185D	(1 box) \$57.00 ea. (2-5) 52.00 ea. (6+) 48.00 ea.
	OPC Belts. Box of 3.	92185E	(1 box) \$230.00 ea. (2-5) 220.00 ea. (6+) 210.00 ea.
2687A/2688A Desktop Laser page printer	Input Tray. 210 x 297mm or 8.5 x 11 in. Holds 250 sheets.	92185T	\$87.00 ea.



HP LaserJet 2000



HP 2680A Laser printer



2688A Desktop Laser page printer

Our low-capacitance Transient Surge Protectors won't sacrifice ports for signals



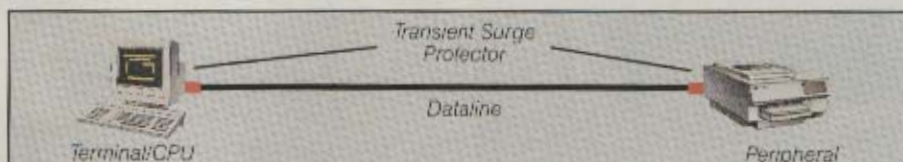
All-metal exterior provides extra RFI protection.

Protection of pins 2-8 and 20 ensures compatibility with all HP and most non-HP devices.

When it comes to transient protectors, you get what you pay for. With HP, you get more.

That's because our Transient Surge Protector is specially designed to protect your equipment's data lines from electrical noises, without transmission-distorting increases in capacitance.

Don't expect this from bargain-priced surge protectors—they usually rely on increased capacitance in order to protect data lines.



RS-232 Surge Protection Specifications

Characteristics:

Low capacitance steering diodes with high-speed TransZorbs. Minimizes added line impedance.

Pins 2-8 and 20 protected. Referenced to pin 1—chassis ground.

Size: 13 H x 53 W x 49 D mm (0.495 H x 2.1 W x 1.92 D in.)

Weight: 36g (1.3 oz.)

Enclosure: All metal for extra RFI protection.

Clamp voltage: ± 26 volts typical; ± 40 volts maximum.

Clamping response: 60ns

Power dissipation:

4k watts (100 μ s)

9k watts (20 μ s)

Line capacitance: 30-60pF

Unfortunately, this leads to signal distortion, which can result in scrambled data transmission or transmission failure.

Protect your data and your equipment! Install HP Transient Surge Protectors at the end of each link. Available with 90-day replacement warranty.

92165R Transient Surge Protector (1 unit)	\$49.00 ea.
(2-9)	45.00 ea.
(10-24)	41.00 ea.
(25+)	35.00 ea.

Note: HP warranties and/or service contracts do not cover damage if RS-232 cable exceeds the 50-foot limit of the RS-232 standard.

Clean up toner & paper dust fast! This improved vacuum is so easy to use, it makes laser printer upkeep a breeze



Your vacuum comes with: 1) a filter, 2) a 1.8m (6 ft.) stretch hose, 3) a flexible goose neck, 4) a crevice tool with brush, 5) a 3.7m (12 ft.) power cord, 6) a static-draining ground wire with wrist strap—all packed into a light-weight, easy-to-carry case.

This specially designed vacuum makes cleaning your laser printers and copiers so easy, you'll never risk dirty-equipment problems again!

This is no ordinary vacuum! No general-purpose vacuum seeks out, whisks away and—most important—traps tiny toner particles the way this one does. Our vac's hose is "toner-proof," that is, it will not get stiff or sticky from toner, so there's no danger of toner escaping into the atmosphere. And the vacuum itself is smaller, lighter, quieter and 20 percent more powerful than before.

Custom-made for toner pickup The disposable filter traps particles as small as .3

microns (toner measures 5 microns). When it's full, an indicator light tells you so. No guessing, and no messing with bags. An extra-long hose and thoughtful accessories, like the rubber gooseneck that bends around corners, let you reach every nook and cranny without getting a speck of dust on yourself.

A static-draining wire and wrist strap protect your printer's sensitive circuits. And everything packs neatly in a carrying case not much bigger than a lunch box. UL/CSA listed. 

92175V HP PM Vacuum (1 unit)	\$249.00 ea.
(2+)	219.00 ea.

Why your office vac isn't enough



Ordinary vacuums allow particles smaller than 70 microns to escape back into the air you breathe.

The HP PM Vacuum filter traps toner particles as fine as .3 microns—much, much smaller than your toner!

Replacement accessories:

92175W Filter for 92175V (1 unit)	\$22.00 ea.
(2-3)	18.00 ea.
(4+)	15.00 ea.
92175F Stretch hose* 1.8m (6 ft.)	26.95 ea.
92175G Power cord* 3.7m (12 ft.)	15.25 ea.
92175H Crevice tool/brush*	12.95 ea.
92175K Rubber gooseneck*	15.25 ea.
92175E Vacuum bags/filter for 92175D, 10 per box	39.99 ea.

*for HP PM VAC 92175V or 92175D.

With ShareSpool,TM four users can share one HP LaserJet printer—automatically!



There are two ShareSpools—one for the HP LaserJet IIP printer, and one for all LaserJet Series II, IID and IIP printers—both providing economy and convenience



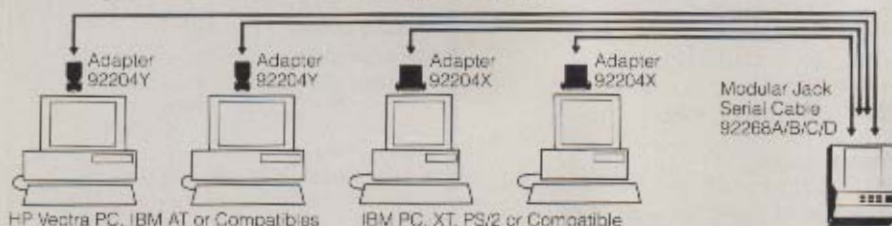
A screwdriver and a few minutes are all it takes to install the time-saving ShareSpool board into your HP LaserJet printer



ShareSpool is the easy, cost-effective way to give more PC users access to laser-quality printing. With ShareSpool in your HP LaserJet Series II, IID, IIP or IIP printer, as many as four PCs can connect at once.

Easy to Install ShareSpool is easy to install in any HP LaserJet Series II, IID, IIP or IIP printer. Just a screwdriver and a few minutes are all it takes. The ShareSpool board fits right into your printer, without interfering with your RAM Expansion slot.

Easy to Use With ShareSpool, there are no switches to deal with. No software to install. And no more carrying disks to the one PC connected to your HP LaserJet printer.



Assure complete compatibility of your ShareSpool system by ordering the correct adapters and cables for your PCs.

Increased Productivity With ShareSpool, users print just like before—but without delays. ShareSpool's built-in buffer can handle up to 150 pages of text (about 37 pages for the HP LaserJet IIP printer). So users can get right back to work on their PCs, without waiting for printing to finish. And ShareSpool lets several users print at the same time, queuing-up their print jobs on its on-board memory.

92204W ShareSpool for HP LaserJet Series II, IID and IIP printers

(1 unit)	\$495.00 ea.
(2-4)	450.00 ea.
(5-19)	425.00 ea.
(20+)	396.00 ea.

92204V ShareSpool for the HP LaserJet IIP printer

(1 unit)	\$395.00 ea.
(2-4)	375.00 ea.
(5-19)	360.00 ea.
(20+)	350.00 ea.

Adapters (Choose one adapter for each PC)

Product no.	Description	PC	Price*
92204X	25-pin female RS-232 to RJ45 modular jack for PC's with a 25-pin male connector.	IBM PC, PC/XT, PS/2	(1 unit) \$20.00 ea. (2-4) 18.00 ea. (5+) 17.00 ea.
92204Y	9-pin female RS-232 to RJ45 modular jack for PC's with a 9-pin male connector.	HP Vectra PC, IBM PC/AT	(1 unit) \$20.00 ea. (2-4) 18.00 ea. (5+) 17.00 ea.
92204Z	25-pin male RS-232 to RJ45 modular jack for PC's with 25-pin female connector.	HP Touchscreen (HP 150)	(1 unit) \$20.00 ea. (2-4) 18.00 ea. (5+) 17.00 ea.

*Note: Quantity discounts only apply when ordering the same adapter type.

Cables (Choose one cable for each PC)

Product no.	Length	Price
92268A	Less than 4m (13.1 ft.)	(1-4 units) \$10.00 ea. (5+) 9.00 ea.
92268B	Less than 8m (26.2 ft.)	(1-4 units) \$12.00 ea. (5+) 11.00 ea.
92268C	Less than 16m (52.5 ft.)	(1-4 units) \$14.00 ea. (5+) 13.00 ea.
92268D	Less than 32m (105 ft.)	(1-4 units) \$22.00 ea. (5+) 21.00 ea.

Specifications:

- 256K bytes of memory (about 150 pages of text) for HP LaserJet Series II, IID and IIP printers
- 64K bytes of memory (about 37 pages of text) for HP LaserJet IIP printer
- Direct communication to HP LaserJet Series II, IID, IIP and IIP printers backplane
- 9600 or 19.2K baud supported on all input ports
- Data Terminal Ready hardware or Xon/Xoff software handshake
- Data embedded commands for:
 - multiple copies (background print)
 - multiple copies (foreground print)
 - end-of-job reset sequence
 - end-of-job timeout
 - disable embedded commands
- RJ-45 connection from ShareSpool to PC
- User installable
- Power-on integral self-test diagnostic
- 2 year warranty

Protect RS-232 serial peripherals while you share them! Our ABC switches have surge protection

Because of their unique surge suppression capabilities, our ABC switches are the only products of their kind approved and supported for use with HP LaserJet printers. Now you can switch freely between printers, plotters and modems without the risk of sending damaging surges and spikes to your peripherals.

ABC switches also offer one of the lowest priced sharing solutions. With just the turn of a switch each user can access any peripheral from their own workstation. **For maximum surge and spike protection**, connect a 92165R Surge Protector (page 28) to the sensitive RS-232 data ports of each peripheral.

Cabling information

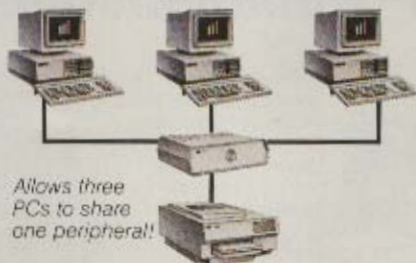
Order the cables you need by your application:

Single ABC Switch (92205E)

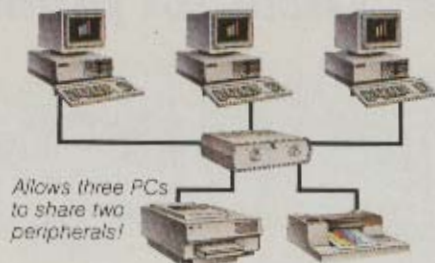
- Up to three computers sharing one peripheral or, one computer sharing up to three peripherals.
- order a 17355M cable for each computer
- order an appropriate I/F cable for each peripheral**

Dual ABC Switch (92205F)

- When using the Dual ABC Switch as two independent switches.
- order a 17355M cable for each computer
- order an appropriate I/F cable for each peripheral**
- Two computers sharing two or three peripherals.
- order an I/F cable for each computer*
- order a 17355M cable for each peripheral, plus a 92205U cable for the third peripheral (two 92205U cables are included)



Allows three PCs to share one peripheral!



Allows three PCs to share two peripherals!



This ABC switch lets three PCs share the same printer or plotter.

Or can be configured to allow one PC to access three peripherals, such as printer, plotter and modem.

92205E Serial ABC switch with built-in surge protection

(1 unit)	\$189.00 ea.
(2-4)	177.00 ea.
(5+)	165.00 ea.



This switch lets three PCs share two peripherals. Also, it can be used as two separate ABC switches.

Includes two .19m (7 in.) **92205U** Y cables.

92205F Dual Serial ABC switch with built-in surge protection.

(1 unit)	\$369.00 ea.
(2-4)	332.00 ea.
(5+)	295.00 ea.

Specifications

Size: 76.2 H x 177.8 W x 25.4 D mm
(3.0 H x 7.0 W x 1.0 D in.)

Weight: 0.8Kg (2 lbs.)

Enclosure: ABS plastic

Clamping voltage: + or - 25V

Line capacitance: RS-232 signal

Regulatory approvals: FCC Part 15,
Subsection J,
Class B compliant

Characteristics:

- 4 female DB-25 connectors (92205E), 8 female DB-25 connectors (92205F)
- Pins 2-8, 20 and 22 protected (other pins not passed through)
- Pin 1s are tied common—chassis ground
- Pin 7s are tied common—signal ground

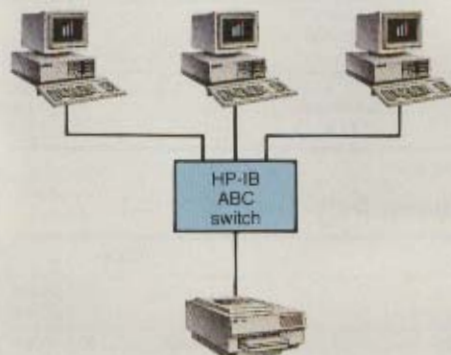
HP-IB ABC switch will enable you and two co-workers to share an HP-IB printer or plotter, or several HP-IB printers and plotters. No more plugging or unplugging cords. No more waiting. With one turn of the dial, each of you can have access to one, two, three or more peripherals.* Installation is easy. Depending on whether three PCs or terminals will be hooked up to the switch and the peripherals, you need one or more additional HP-IB cables (10833A/B/C.)

92205Y HP-IB ABC switch	\$259.00 ea.
10833A 1m HP-IB cable**	80.00 ea.
10833B 2m HP-IB cable**	90.00 ea.
10833C 4m HP-IB cable**	100.00 ea.

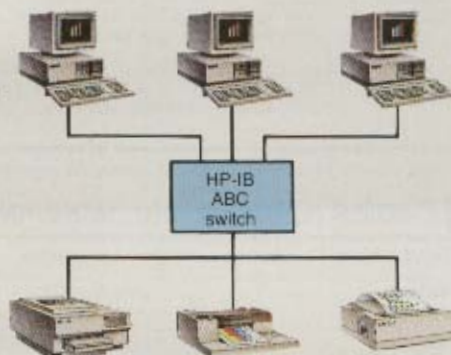
*For use with printers and plotters only. When connecting several peripherals, make sure the total length (in meters) of all the HP-IB cables is no greater than twice the number of devices being connected.

**See page 76 for quantity break pricing on cables.

Three users—one peripheral



Three users—three peripherals



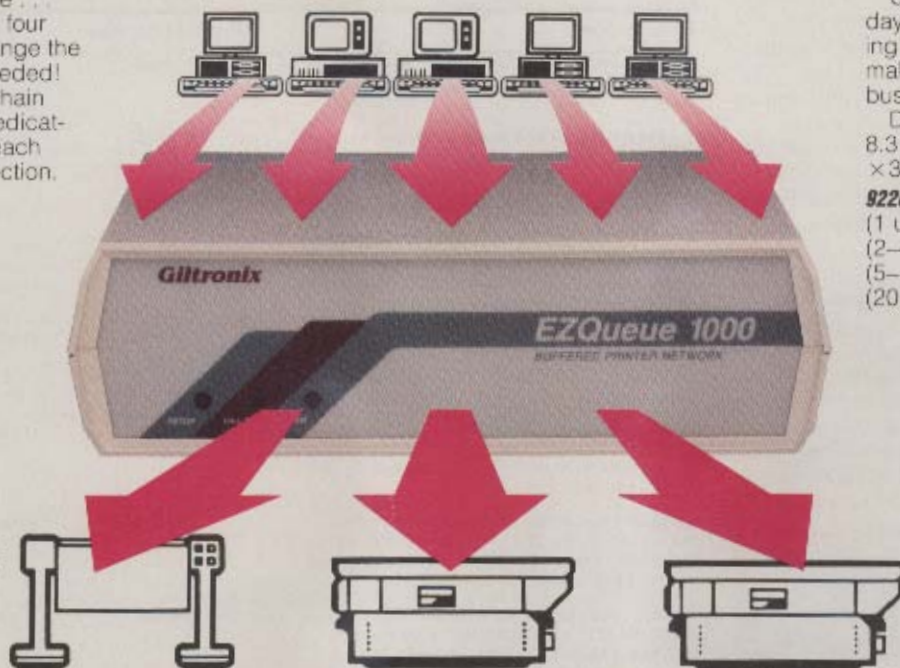
Let as many as six PC users share two HP peripherals the practical way: No walking. No waiting

Sharing one HP printer among several users is a good, cost-saving idea. Sharing two HP printers among as many as six users is a great idea. And doing it with our EZQueue 1000 is a fantastic idea. Because EZQueue 1000 is so flexible, so automatic, you may even forget you're sharing! And it costs less-per-port than switches with other features.

More versatile than other switches With most automatic switches, you're stuck with a fixed number of input and output ports. With EZQueue 1000, you get two parallel output ports for your printers or a printer and plotter, plus six serial ports you can configure as input or output ports.

That means six users can share two peripherals... or five users can share three... four users can share four... and you can change the setup as often as needed! You can even daisy-chain two or more units, dedicating a serial port on each device for the connection.

It's versatile! With 2 parallel output ports and 6 serial ports configurable as input or output, this setup is just one of many you can create to suit your workgroup.



No getting up... no bogging down! Once the EZQueue is installed, you can forget it. There are no knobs to turn. No long software commands to learn. And its buffer lets you get back on your PC or terminal much faster than you do now!

Easy to use Just enter your normal print command from your keyboard. Your data instantly dumps to the EZQueue buffer, where it will feed, in turn, to the printer you've selected for default. You can even download fonts.

When you want to direct output to the second printer, a few keystrokes does it. Or, if the connected printers are similar, you can program the EZQueue 1000 to search for the next available printer. Maximum efficiency. Minimum fuss.

Order EZQueue 1000 today. It takes that smart sharing idea... and finally makes it work for a big, busy group.

Dimensions: 26.0 W x 8.3 H x 18.4 D cm (10.25 W x 3.25 H x 7.25 D in.)

92203E EZQueue 1000
(1 unit) \$585.00 ea.
(2-4) 525.00 ea.
(5-19) 495.00 ea.
(20+) 450.00 ea.

Adapters (choose one adapter for each PC)

Product no.	Description	PC	Price
92203F	25-pin female RS-232 to RJ-45 modular jack for PCs with a 25-pin male connector	IBM PC, PC XT, PS/2	\$16.50 ea.
92203G	9-pin female RS-232 to RJ-45 modular jack for PCs with 9-pin male connector	HP Vectra PC, IBM PC AT	\$13.50 ea.
92203H	25-pin male RS-232 to RJ-45 modular jack for PCs with 25-pin female connector	HP Touchscreen (HP 150)	\$16.00 ea.

Cables (choose one cable for each PC)

Product no.	Length	Price*
92268A	Less than 4m (13.1 ft.)	(1-4 units) ... \$10.00 ea. (5+) 9.00 ea.
92268B	Less than 8m (26.2 ft.)	(1-4 units) ... \$12.00 ea. (5+) 11.00 ea.
92268C	Less than 16m (52.5 ft.)	(1-4 units) ... \$14.00 ea. (5+) 13.00 ea.
92268D	Less than 32m (105 ft.)	(1-4 units) ... \$22.00 ea. (5+) 21.00 ea.

* Note: Quantity discounts apply only when ordering the same cable type.

Specifications:

Buffer: 256 Kbytes of memory

Baud rate: Selectable from 75 to 19,200 bps

Regulatory approvals: FCC class A, UL, CSA

Power requirements: 115 VAC + - 10%, 60 Hz, 7 Watts

Installation: User installable

Enclosure: ABS plastic

Compatibility: EZQueue 1000 works with HP printers and plotters that have serial (RS-232) or parallel (Centronics) I/O ports, such as HP LaserJet Series II and III printers, and HP 7475A and 7550A plotters.

Connector types:

Parallel ports: DB25 female connectors

Serial ports: RJ-45 Telco connectors

Signal Line Levels:

Parallel ports: IBM-Centronics Standard TTL Levels (0 and +5 volts) Extended distance to 100 ft.

Serial ports: Std. EIA RS-232 Levels

PaintJet and PaintWriter XL paper, transparency film and cartridges make graphics come alive!

Brilliant colors. Sharp images. And letters so crisp and sharp your text seems to spring from the page!

HP Paper has a unique surface coating specifically formulated to match the ink in PaintJet and PaintWriter XL print cartridges. The results? instant ink drying and crisp, dark letters that won't smudge or smear.

And HP PaintJet/PaintWriter XL Paper is vacuumed to make it virtually dust-free. There's no floating paper dust to clog print cartridges or cause printing problems. With other papers, printing quality and printhead maintenance will vary.

You can see the difference! Notice how the smooth surface of the HP PaintJet/PaintWriter XL Paper minimizes bleeding and intensifies color. And, since lines won't run, you achieve the fine detail you need on graphs and complex engineering drawings. Using plain paper will produce "draft quality" output at best.

HP Transparency Film has a special surface coating that controls dot spread. Just print out a graph and watch the color deepen and develop before your eyes.

Plastic sleeves, provided with the film, protect your transparencies and control film color development. Printed transparencies can be inserted into sleeves and projected after just 5 minutes. The sleeved transparency will achieve its full color intensity after one-to-two hours.



HP PaintJet/PaintWriter XL Paper, on the left, produces sharp, clear images without the blurs common to plain paper, on the right.

HP PaintJet and PaintWriter XL supplies have been specially formulated to give you brilliant, eye-catching graphics and text everytime.



HP PaintJet family and PaintWriter XL printer supplies

Description	Product number	Price
Z-Fold PaintJet/PaintWriter XL Paper. 8.5 x 11 in. (216 x 279 mm) finished size. 250 sheets per pack.	51630P	(1 pack) \$20.95 ea.
Z-Fold PaintJet/PaintWriter XL Paper. Metric A4 (210 x 305 mm) finished size. 250 sheets per pack.	51630R	(1 pack) \$22.95 ea.
Cut Sheet PaintJet/PaintWriter XL Paper. 8.5 x 11 in. (216 x 279 mm). For HP PaintJet XL and PaintWriter XL printers only. 200 sheets per pack.	51630Y	(1 pack) \$20.95 ea.
Cut Sheet PaintJet/PaintWriter XL Paper. Metric A4 (210 x 297 mm) size. 200 sheets per pack.	51630Z	(1 pack) \$22.95 ea.
B-size Cut Sheet PaintJet/PaintWriter XL Paper. 11 x 17 in. (279 x 432 mm). For HP PaintJet XL/PaintWriter XL printers only. 200 sheets per pack.	51631A	(1 pack) \$44.95 ea.
Metric A3-size Cut Sheet PaintJet/PaintWriter XL Paper. 11.69 x 16.54 in. (297 x 420 mm). For HP PaintJet XL/PaintWriter XL printers only. 200 sheets per pack.	51631B	(1 pack) \$49.95 ea.
PaintJet/PaintWriter XL Transparency Film. 8.4 x 11 in. (213 x 279 mm) finished size. 50 sheet box includes 50 plastic sleeves. Required film for PaintJet and PaintWriter XL printers.	51630Q*	(1 box) \$64.95 ea.
PaintJet/PaintWriter XL Transparency Film. Metric A4 (210 x 297 mm) size. 50 sheet box includes 50 plastic sleeves. Required film for PaintJet and PaintWriter XL printers.	51630S*	(1 pack) \$64.95 ea.

*NOTE: HP Transparency Film is the only film recommended for use with the HP PaintJet family and PaintWriter XL printers.

HP PaintJet/PaintWriter XL Print Cartridges make presentations sparkle

Our Color Print Cartridges for your HP PaintJet, PaintJet XL or PaintWriter XL graphics printer provide you with an unlimited array of vibrant color combinations for use on PaintJet/PaintWriter XL paper and transparency film.

For the HP PaintJet XL and PaintWriter XL, choose individual cartridges of black, cyan, magenta and yellow. They're so long-lasting, you can produce hundreds of reports, transparencies and illustrations before the ink runs dry. The black cartridge can print approximately 1100 pages of text.

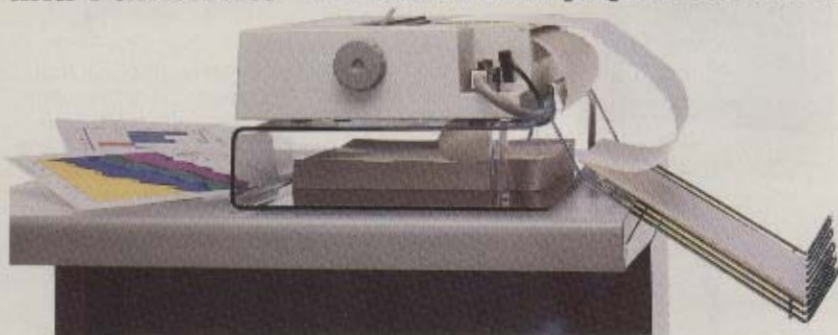
For the HP PaintJet, the specially formulated inks of our Black Print Cartridge and our Color Print Cartridge provide many shades of brilliant color, (depending upon software), and a deep, true black. These rich gradations of color en-

sure your reports, overhead transparencies and technical images get the attention they deserve.

- 51606B** Cyan Print Cartridge
- 51606R** Magenta Print Cartridge
- 51606Y** Yellow Print Cartridge (The above three cartridges are for the HP PaintJet XL and PaintWriter XL printers only)
(1 cartridge) \$29.95 ea.
- 51606A** Black Print Cartridge (HP PaintJet, PaintJet XL and PaintWriter XL printers)
(1 cartridge) \$29.95 ea.
- 51606C** Color Print Cartridge (Contains Cyan, Magenta, Yellow) For HP PaintJet only.
(1 cartridge) \$34.95 ea.



Reclaim desktop space with your HP PaintJet and PaintWriter XL stand and paper catcher!



This custom-designed, acrylic stand lets you stack the printer above the paper supply to cut in half the amount of desktop space required.

The curved edge on the rear of the stand serves two purposes: it directs the supply of fanfold paper evenly into the printer and channels cables out of the paper path. Dimensions: 124 H x 467 W x 337 D mm (4.9 H x 18.4 W x 13.25 D in.).

92269A Desktop Printer/Plotter Stand	
(1-2)	\$79.00 ea.
(3-9)	71.00 ea.
(10+)	64.00 ea.

Add a paper catcher to the back of the Desktop Stand and fanfold paper will re-fold and stack neatly as it flows from the printer. The 92261G Paper Catcher works in conjunction with the 92269A PaintJet/PaintWriter XL Desktop Stand and attaches to the curved rear edge of the stand.

92261G Paper Catcher	
(1-2)	\$35.00 ea.
(3-9)	31.00 ea.
(10+)	28.00 ea.

For a stand-alone cabinet for your PaintJet XL, see page 59.

Custom-tailored protection for your HP PaintJet and PaintWriter XL



Black edging and the HP logo add to the professional look of the PaintJet/PaintWriter XL Dust Cover.



Keep your HP PaintJet family or PaintWriter XL printer in tip-top shape by protecting it from dirt, dust and spills. This custom-designed cover is tailored to fit the exact dimensions of the HP PaintJet and PaintWriter XL printers.

It's made of durable, 100% cotton fabric that's water-resistant, yet breathable, so moisture can escape. Even when you fold or roll the dust cover up for storage, it resists wrinkles.

92250Z PaintJet Dust Cover	\$19.00 ea.
92259U PaintJet XL and PaintWriter XL Dust Cover	\$30.00 ea.

Add fonts and plotter power to your HP PaintJet XL printer

Help your output look its best with 20 new fonts! You get CG Times, CG Triumvirate and Prestige Elite in regular, **bold** or *italic*, from 8- to 14-point. The cartridge includes math and Pi font character sets for technical word processing, and lets you print in landscape or portrait mode.

C1607A HP PaintJet XL Font Cartridge	\$225.00 ea.
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Pop the HP GL/2 Cartridge into your PaintJet XL for instant access to all software supporting this new standard language. You get 20 fixed and proportional fonts and 2 Mbytes of memory, so you work at your CPU while you print. The new fonts can print in portrait or landscape and are the same as fonts in the C1607A cartridge. HP PaintJet XL printer only.

C1608A HP GL/2 Language Cartridge	\$995.00 ea.
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Get one for paper, another for transparencies, one for 8.5 x 11, another for 11 x 17.



Switch printer media in a snap with PaintJet XL and PaintWriter XL Media Trays

Media trays are more than an alternative to handfeeding your HP PaintJet XL and PaintWriter XL printers—they're also a logical way to change your printer media.

Keep several of these Media Trays filled with the media you use most, and you're always ready to print.

From 8.5 x 11-inch letters to 11 x 17-inch sheets, English to metric, paper to transparency film, changing media is as easy as switching trays. And if a tray should ever be misplaced, an extra tray can help you avoid printer downtime.

C1609A A-size (8.5 x 11 in.) Replacement Media Tray	\$89.00 ea.
C1610A A4-size (210mm x 297mm) Replacement Media Tray	\$89.00 ea.

Get started with a Media Kit! They're available in 11 x 17 inch and 297mm x 420mm sizes (B and A3 respectively), and include 200 sheets of paper.

C1611A B-size (11 x 17 inch) Media Kit	\$149.00 ea.
C1612A A3-size (297mm x 420mm) Media Kit	\$149.00 ea.



20 new fonts and plotter graphics give new drama to your output.



Get crisp drawings from your HP desktop printer with PrintAPlot Software

Take advantage of engineering and business-graphics software applications from the comfort of your desk with PrintAPlot® 1.0.

This innovative software lets you produce high-resolution drawings directly from your IBM-compatible PC. Because PrintAPlot makes your HP PaintJet, ThinkJet, QuietJet, DeskJet, LaserJet, RuggedWriter or Epson compatible printer emulate an HP 7475A, 7470A or ColorPro Plotter, you produce graphics as easily as printing correspondence from your existing printer.

Works in a hurry PrintAPlot handles drawings quickly because it employs a unique data compression routine that speeds up printing without printer memory upgrades. What's more, PrintAPlot produces multiple graphics unattended. Put it to



Your output will be this visually descriptive—whether you use an HP PaintJet, ThinkJet, QuietJet, DeskJet, LaserJet, RuggedWriter or Epson compatible printer!

work printing your graphs, charts and slides while you work on other things!

Great looking graphics Depend on PrintAPlot for black and white graphics that communicate like color. That's because PrintAPlot lets you translate colors into one of 72 combinations of line width and gray texture. You capture every tone and detail. And details hold up to photocopying and faxing.

Save time, save energy Get PrintAPlot today. It's available on 5.25-inch disks for the HP Vectra PC and other IBM PC compatibles, and is supported by Insight Development Corporation.

35177T PrintAPlot® 1.0
Software \$149.00 ea.

Free the colors inside your Apple Macintosh with HP's Color PrintKit!

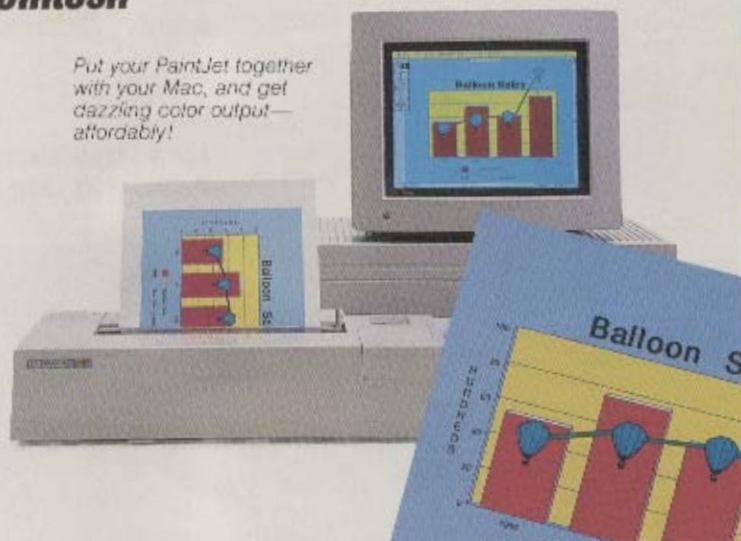
Create vibrant color presentation graphics on your Apple Macintosh® and output hardcopy on paper or transparencies with your HP PaintJet Series printers! It's easy, since you work within the familiar environment of your Mac, and you can use it with your favorite software, including MacDraw II, QuickDraw, Cricket Draw, and Cricket Presents.

Includes 13 scalable outline fonts, including CS Times, CS Courier, and CS Triumvirate. Fonts deliver normal type, **bold**, *italic*, and **bold italic** in continuous sizes from 6- to 250-point type. And the CS Symbol Screen Fonts let your screen show what the actual page will look like!

The kit includes a driver, fonts, cable, and User's Guide. It works with the HP PaintJet and PaintJet XL printers, and supports 16.8 million colors with Macintosh II, IIx, IIcx, IIfx, and SE/30 computers. Supports eight colors on Macintosh Plus, Portable, and SE computers.

17305B HP PaintJet Series Color PrintKit for Macintosh®
Computers \$125.00 ea.

Put your PaintJet together with your Mac, and get dazzling color output—affordably!



Unleash your DeskWriter's full potential with fonts from our Font Collection



While the HP DeskWriter printer comes standard with four font families to meet a wide variety of your application needs, you can increase its font potential even further with our DeskWriter Font Collection. In fact, this optional font set gives your DeskWriter printer the same sophisticated font capabilities as the Apple LaserWriter II NT/NTX.

The DeskWriter Font Collection includes the following seven screen and corresponding outline printer fonts: CS Avant Garde Gothic, CS ITC Bookman, CS Century Schoolbook, CS Triumvirate Condensed (Helvetica Narrow), CS Palatino (Palatino), CS ITC Zapf Chancery, and CS ITC Zapf Dingbats.

These DeskWriter fonts are fully scalable so you get smooth, crisp fonts up to 250 points. Each font comes complete with plain, bold, italic and bold italic ver-

sions and supports underline, shadow and outline styles. For further flexibility in printing, they can even be rotated in 90-degree increments.

This sophisticated font set is very affordable. So order the DeskWriter Font Collection from HP DIRECT now and be sure of professional-looking documents everytime.

22709A DeskWriter Font Collection \$195.00 ea.

Individual fonts are available from your local HP dealer. Call 800-752-0900 for the nearest location.

Our Font Collection gives the HP DeskWriter printer the same font capabilities as the Apple LaserWriter II NT/NTX.

Print envelopes or spreadsheets in multiple typesizes and sizes on your HP DeskJet printer!

LaserControl® gives you control of your HP DeskJet Printer's full range of capabilities.

A single stroke of your PC keyboard activates a pop-up menu, allowing you to print on envelopes, access cartridge fonts and even switch printers—without the inconvenience of having to leave your software application.

You install LaserControl on your HP Vectra PC or other IBM-PC compatible in mere minutes.

And there's no need to upgrade your existing software with new printer drivers for your DeskJet. Simply use Laser-

Control's built-in ability to emulate Epson, NEC, Qume or IBM printers.

LaserControl works with HP DeskJet, DeskJet PLUS and DeskJet 500 printers. Available in 5.25 in. disks.

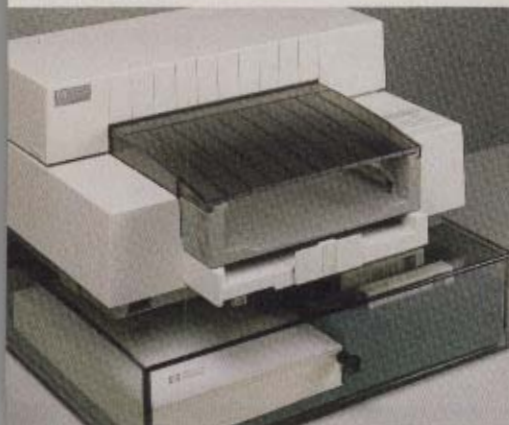
35190J LaserControl® \$150.00 ea.

Use LaserControl with your DeskJet to print envelopes and eye-catching spreadsheets—without executing complex escape codes!

Mr. Alan Hirsch Product Manager Hewlett Packard 1927 Landings Drive Mountain View, CA 94043	Mr. Alan Hirsch Product Manager Hewlett Packard 1927 Landings Drive Mountain View, CA 94043	Mr. Alan Hirsch Product Manager Hewlett Packard 1927 Landings Drive Mountain View, CA 94043	Mr. Alan Hirsch Product Manager Hewlett Packard 1927 Landings Drive Mountain View, CA 94043
Dear Mr. Hirsch:	Dear Mr. Hirsch:	Dear Mr. Hirsch:	Dear Mr. Hirsch:
This letter and the en- wide area network serv	This letter and the enclosed wide area network services at	THIS LETTER AND THE ENCL- WIDE AREA NETWORK SERVICE	This letter and the enclosed in vide area network services and

Why lose time searching for supplies? DeskJet Organizer keeps them close by!

Custom designed for the HP DeskJet family of printers, this handsome DeskJet Organizer is perfect for keeping all your supplies handy—you'll never waste another minute searching for misplaced accessories!



Designed for perfect fit and function Using the "hidden" space under your DeskJet, the acrylic organizer adds storage room without subtracting workspace. The supplies drawer glides open silently on Teflon® runners. Inside, foam cut-outs secure two print cartridges in their sealed containers, up to four font or memory cartridges and a full ream of 8.5 x 11 in., European A4, or legal-size 8.5 x 14 in. paper.

92177Z DeskJet Organizer. Exterior dimensions: 111 H x 445 W x 384 D mm (4.38 H x 17.5 W x 15.13 D in.)
(1-2 units) \$129.00 ea.
(3-9) 122.00 ea.
(10+) 115.00 ea.

Tucked under your printer, the acrylic DeskJet Organizer adds convenient storage area without reducing workspace.

Here's protection for your HP DeskJet printer

Shield your HP DeskJet family or DeskWriter printers from dust and spills with this 100 percent cotton dust cover. It's custom-fitted for a professional look and durable enough to last for years. And because our dust cover is wrinkle-resistant and styled to complement your printer, it can enhance the appearance of your office as well.

92250R Dust cover for HP DeskJet, DeskJet PLUS, DeskJet 500 and DeskWriter printers \$35.00 ea.



Using Soft Fonts on your HP DeskJet printer? Don't forget to add extra memory!

When you're using Soft Fonts on your HP DeskJet, DeskJet PLUS, or DeskJet 500 printer, HP RAM Memory Cartridges enhance the performance and productivity of your system. By expanding your printer's memory, you'll be able to download the varied typesets and fonts faster and print your documents more quickly.

Installation is quick and easy Just insert the Memory Cartridge into one of the cartridge slots on your HP DeskJet family printer—no special tools or instructions are necessary.

When using Soft Fonts on your HP DeskJet printer, add an extra 128 Kbytes of memory with RAM Memory Cartridge 22707A. For the HP DeskJet PLUS or DeskJet 500 printer, an additional 256 Kbytes of memory is available with RAM Memory Cartridge 22707B.

22707A 128 Kbyte RAM Cartridge for HP DeskJet printer \$95.00 ea.

22707B 256 Kbyte RAM Cartridge for HP DeskJet PLUS or DeskJet 500 printer \$175.00 ea.

RAM Memory Cartridges are an easy, cost-effective way to make more efficient use of Soft Fonts on your HP DeskJet, DeskJet PLUS or DeskJet 500 printer.



Print letter-quality on plain paper

Put this print cartridge in your HP DeskJet family or DeskWriter printer, and get your message to the world on common office bond or copier paper.

It produces crisp text and razor-sharp graphics. A single cartridge typically prints 525,000 letter-quality characters, or a million characters in draft mode (based on Courier 12 font). And it's totally self-contained for quick, clean installation.

51608A Black print cartridge for HP DeskJet, DeskJet PLUS, DeskJet 500 and DeskWriter printers \$19.95 ea.



Emulate an Epson FX-80 or IBM ProPrinter with your HP DeskJet printer

Why settle for dot-matrix print quality? Now you can reap the benefits of laser-quality performance with our Epson FX-80 and IBM ProPrinter emulation cartridges. HP Emulation Cartridges make it easy to use your existing applications while enjoying the quiet, professional quality of the HP DeskJet family of printers.

You'll work more efficiently, because you won't have to waste time reformatting documents created with you IBM ProPrinter or Epson FX-80 compatible software. Just plug the appropriate emulation cartridge into either of the cartridge slots of your HP DeskJet printer, press the print command, and let your system do the rest!

Epson FX-80 emulation cartridges are available for both the HP DeskJet, DeskJet PLUS and DeskJet 500 printers. The IBM ProPrinter emulation

cartridge is available for the HP DeskJet PLUS and DeskJet 500 only.

22707E HP Epson FX-80 Printer emulation cartridge for HP DeskJet printer \$79.00 ea.

22707F HP Epson FX-80 Printer emulation cartridge for HP DeskJet PLUS or DeskJet 500 printer \$79.00 ea.

22707P HP IBM ProPrinter emulation cartridge for HP DeskJet PLUS or DeskJet 500 printer \$79.00 ea.

Upgrade to laser-quality output while maintaining your investments in Epson and IBM Printer software—use HP Emulation Cartridges on your HP DeskJet printer!



HP DeskJet type solutions give you more professional looking documents

After all the effort you've put into your document, it's only fair to make the presentation stand out. HP DeskJet Cartridge and Soft Fonts give your pages the look they deserve. The following are some helpful terms to understand when selecting type from our library of HP DeskJet fonts and typefaces.

Compatibility: a font's ability to work with the built-in features of a particular software application. Check your software manual, or with your software manufacturer.

Font: a complete set of letters, numbers and symbols of a specific typeface design, which are the same size, treatment, pitch and orientation.

Typeface design: the particular design or style of the characters and symbols, such as CG Times or Courier.

Treatment: the variations of a typeface design such as **bold**, *italic* or **bold italic**.

Pitch: the number of characters printed per horizontal inch. There are two basic types, proportional spacing and fixed pitch. Proportional spacing is good for text, because every letter is given its own natural width, making it easier to read. In general, typeset text is proportionally spaced. Fixed-pitch fonts give the same amount of space to all characters. This is appropriate when characters need to be aligned, as in tables, spreadsheets or columns of data.

Orientation: the direction of type across the page. Portrait fonts print across the width of the page for word processing, reports and other vertical documents. Landscape fonts print horizontally across the page for documents requiring several columns, like spreadsheets and organization charts.

Point size: the height of the characters.

Ee Ee
Ee Ee
Ee Ee

Symbol set: the specific alphabetic, numeric, punctuation and special symbols contained in a font.



Change type sizes and styles on your HP DeskJet—directly from your PC!

Put the convenience of soft fonts to work for you! By installing a soft font on your hard drive, you can change the style and size of your type directly from your PC.

Soft fonts provide a cost-effective solution for enhancing the appearance of your documents. The flexibility of the program also gives you the capability to switch fonts within the same document.

For the HP DeskJet, DeskJet PLUS or DeskJet 500 printer, you have a choice of two soft fonts—22708C provides Times Roman or Helvetica with 8-, 10-, 12-, 14- and 30-point type sizes; 22708D offers Univers, a condensed font that's perfect for spreadsheets, in 8-, 10-, 12-, 14- and 30-point sizes. The DeskJet supports 8-point sizes.

All soft fonts are for use with HP Vectra PC and IBM PC, XT, AT, PS/2 and other compatible computers. All soft fonts are in portrait orientation only. Supplied on 5.25-in. disks. Additional RAM memory cartridge required for use with the HP DeskJet family of printers (see page 36).

22708C* HP DeskJet family printer Times

Roman/Helvetica soft font \$79.00 ea.

22708D* HP DeskJet family printer Univers

soft font \$79.00 ea.

*Additional RAM memory cartridge needed for use of this soft font. See page 36.

Tms Rmn ABC abc 123

Helv ABC abc 123

Univ ABC abc 123

eE eE eE eE eE
8 point 10 point 12 point 14 point 30 point

Change type styles and fonts conveniently, simply by inserting a soft font disk into your PC!



HP DeskJet, DeskJet PLUS and DeskJet 500 cartridge fonts

Produce a variety of type sizes and type styles to suit your needs. Most cartridge fonts include legal, international, and scientific characters.



Courier Italic 22706A \$79.00 ea.
Courier Italic plug-in font for 5/10/20 pitch word processing in 6/12 point type size. Contains legal, international and HP line-draw symbols. HP DeskJet only. Bold, italics.
ABC abc 123 !"#%&'()*+*



Prestige Elite 22706B \$79.00 ea.
Prestige Elite plug-in font for 6/12/24 pitch general and 16.67 pitch condensed technical word processing in 7 and 10 point, plus 12 point on HP line-draw. Contains legal, international, math, scientific and HP line-draw symbols. Bold.
ABC abc 123 !"#%&'()*+*



Letter Gothic 22706C \$79.00 ea.
Letter Gothic plug-in font for popular sans serif typeface. Use for 6/12/24 pitch general and 16.67 pitch condensed technical word processing in 9.5 and 12 point type sizes. Contains legal, international and HP line-draw symbols. Bold, italics.
ABC abc 123 !"#%&'()*+*



Times Roman 8 & 10 point 22706D \$79.00 ea.
Times Roman 8 & 10 point (4 through 10 point) plug-in font for general purpose, proportional spaced word processing. Contains legal and international symbols. HP DeskJet only. Bold, italics.
ABC abc 123 !"#%&'()*+*



Times Roman 12 point 22706E \$79.00 ea.
Times Roman 12 point plug-in font complements 22706D. Contains proportional fonts for word processing with larger point sizes of Times Roman, and legal and international symbols. HP DeskJet only. Bold, italics.
ABC abc 123 !"#%&'()*+*



Times Roman ASCII 22706P \$79.00 ea.
Times Roman ASCII plug-in font with 4 through 14 point type sizes, for proportional word processing. ASCII symbol set only. HP DeskJet only. Bold, italics.
ABC abc 123 !"#%&'()*+*



Helvetica 14 point 22706J \$55.00 ea.
Helvetica 14 point plug-in font contains proportional fonts for word processing with larger point sizes of Helvetica and legal and international symbols. HP DeskJet only. Bold, italics.
ABC abc 123 !"#%&'()*+*



Helvetica ASCII 22706Q \$79.00 ea.
Helvetica ASCII plug-in font with 4 through 14 point type sizes, for proportional word processing. ASCII symbol set only. HP DeskJet only. Bold, italics.
ABC abc 123 !"#%&'()*+*



Presentations 22706M \$79.00 ea.
Presentations plug-in font. Large fixed block letters for presentations. Contains up to 18 point type sizes, Letter Gothic in 7/14 point and 12 point for HP line-draw; ASCII symbol set only. Bold.
ABC abc 123 !"#%&'()*+*



Landscape Upgrade 22707K \$79.00 ea.
Landscape Upgrade. Allows HP DeskJet to print in landscape mode. Courier 16.7 pitch type style in 12 and 24 point sizes. HP DeskJet only.
ABC abc 123 !"#%&'()*+*



Landscape Fonts 22707L \$79.00 ea.
Landscape Fonts cartridge. For HP DeskJet PLUS and DeskJet 500, adds Courier 6, 12, and 24 point and Letter Gothic 6 to 24 point in landscape orientation. For the HP DeskJet printer, cartridge supplements 22707K and adds the fonts listed above in landscape orientation; use only with 22707K cartridge.
ABC abc 123 !"#%&'()*+*



Times Roman Collection 8, 10, 12 & 14 point 22706R \$79.00 ea.
Improved spacing for high-impact, proportional spaced word processing, with Times Roman in 4 to 14 point. HP DeskJet PLUS and DeskJet 500 only. Bold, italics.
ABC abc 123 ABC abc 123



Helvetica Collection 8, 10, 12 & 14 point 22706T \$79.00 ea.
Improved spacing for high-impact proportional spaced word processing, with Helvetica in 4 to 14 point. HP DeskJet PLUS and DeskJet 500 only. Bold, italics.
ABC abc 123 ABC abc 123



Times Roman Collection 30 Point 22706U \$79.00 ea.
For proportional spaced headlines, titles, and subtitles. Contains Times Roman in 15 and 30 point type sizes. For HP DeskJet PLUS and DeskJet 500 only.
ABC abc 123 !"#%&'()*+*



Helvetica Headlines 30 Point 22706V \$79.00 ea.
For elegant, proportional spaced headlines, titles, and subtitles. Contains Helvetica in 15 to 30 point type sizes. For HP DeskJet PLUS and DeskJet 500 only.
ABC abc 123 !"#%&'()*+*



WordPerfect 22706W \$140.00 ea.
Two cartridge set contains these proportional spaced fonts: CG Times Bold, Italic, and Bold Italic 8, 10, 12, 14 point; CG Times Bold 6, 18, 24 point; and CG Univers 14, 18, and 24 point. Also contains the Desktop symbol set for printing with WordPerfect 4.2+ software. HP DeskJet PLUS and DeskJet 500 only.
ABC abc 123 ABC abc 123

NOTE: DeskJet cartridge fonts cover the following character sets except as noted: Roman 8, ASCII, ECMA 94 Latin 1, IBM PC (U.S. and Danish/Norwegian), HP Legal and ISO sets.

Enjoy the silent, practical power of an HP ThinkJet, QuietJet or QuietJet Plus Printer

HP's ThinkJet, QuietJet and QuietJet Plus Printers let you think, talk and handle other tasks while you print—in draft or near letter-quality, at the office or at home.

All five (including the battery-powered HP 2225P) of our ThinkJet Printers and our QuietJet and QuietJet Plus Printers are built around HP's low-decibel, non-impact ink-jet technology. The heart of this technology is our inexpensive, disposable ink print cartridge that combines innovation and user convenience. You just snap it in, or lift it out—no handling of ribbons, no contact with ink. Simple, clean, efficient!

Choose the HP QuietJet Printer for near letter-quality output

The QuietJet and the QuietJet Plus Printers are engineered to give ultra-quiet performance and high quality printing. The QuietJet is almost the same printer as the QuietJet Plus—it just costs less and takes up less space! The wide-carriage QuietJet Plus Printer is perfect for larger spreadsheets while the narrow-carriage QuietJet Printer accommodates standard size paper. With the QuietJet or QuietJet Plus Printer, you can:

- Get sharp characters when printing quick drafts at 192 cps and near-letter quality (NLQ) for important letters and reports at 48 cps.
- Print graphics in three densities for professional-looking charts and illustrations.
- Change print sizes using six print pitches, and print enhancements to highlight, clarify or get more information on a page.
- Choose NLQ, draft or compressed print with just one keystroke on a convenient key panel.
- Connect to HP, IBM or Apple personal computers. QuietJet and QuietJet Plus Printers come with Centronics and RS-232C interfaces, or an HP-IB interface—a feature normally found in higher-priced printers.

The QuietJet Series printers offer excellent Z-Fold paper handling with a fully adjustable tractor and a paper-advance knob. A friction-feed full platen allows for easier manual sheet-feeding.

QuietJet Printer dimensions:

118 H x 395 W x 214 D mm (4.65 H x 15.5 W x 8.43 D in.)

QuietJet Plus dimensions: 121 H x

527 W x 221 D mm (4.76 H x 20.75 W x 8.7 D in.)

HP 2228A QuietJet Printer ... \$599.00 ea.

HP 2227A QuietJet Plus Printer ... \$799.00 ea.

HP 2227B QuietJet Plus Printer with HP-IB interface ... \$799.00 ea.



You can rely on the QuietJet, QuietJet Plus and ThinkJet Printers for fast, quiet and quality performance every time!

Get a ThinkJet Printer for quick, economical drafts

Quick, quiet, and small describe our best-priced ink-jet printer—the ThinkJet. Lightweight and compact, it allows you the convenience of personal printing whenever or wherever you need to print. With the ThinkJet Printer, you can:

- Print a standard letter in less than a minute at a print speed of 150 cps.
- Have graphics printed with the same speed and silence.
- Connect to HP, IBM or Apple personal computers.
- Highlight and vary your output using four print pitches, underlines and bold.
- Have the convenience of using Z-Fold paper.
- Have the freedom of taking your printer anywhere.

ThinkJet dimensions: 89 H x 292 W x 206 D mm (3.5 H x 11.5 W x 8.1 D in.)

We ship your ThinkJet Printer with a print cartridge, a packet of Z-Fold paper, an owner's manual, a warranty card and a supplies brochure!

HP 2225A ThinkJet Printer with HP-IB interface and power cord ... \$495.00 ea.

HP 2225B ThinkJet Printer with HP-IL interface, 1m HP-IL cable, battery pack and recharger ... \$495.00 ea.

HP 2225C ThinkJet Printer with Centronics interface and power cord for use with HP and non-HP PCs ... \$495.00 ea.

HP 2225D ThinkJet Printer with RS-232C interface and power cord for use with HP and non-HP PCs ... \$495.00 ea.

HP 2225P ThinkJet Printer with Centronics interface, battery pack and recharger for use with non-HP portables ... \$495.00 ea.

92219Z Centronics cable to connect HP 2225P to IBM PC-compatibles, 1m (3.3 ft.) shielded with 25-pin male/15-pin male connectors ... \$51.00 ea.

To order cables for your ThinkJet or QuietJet Printer, see pages 81-83. For power modules, see page 43.

Warranty and post-warranty services are available for HP printers. Call your local HP sales office for more information.

Plain paper or JetPaper, draft or letter...we've got the print cartridge for your HP ThinkJet, QuietJet or QuietJet Plus Printer

If you think HP JetPaper is the only media that works with your HP ThinkJet or QuietJet Printer, think again! You have options.

HP's Plain Paper Cartridge lets you produce drafts and memos on plain paper. You're sure to appreciate the convenience.

For more important correspondence and business presentations, stick with the HP JetPaper Print Cartridge and HP JetPaper (see page 42). You'll feel confident your finished work looks its best.

51604A HP Plain Paper Print Cartridge, black \$11.95 ea.
92261A HP JetPaper Print Cartridge, black \$11.95 ea.



Snap in our Plain Paper Print Cartridge for drafts and memos, or a JetPaper Cartridge for top-quality printing on HP JetPaper

When color counts, HP has the hues!



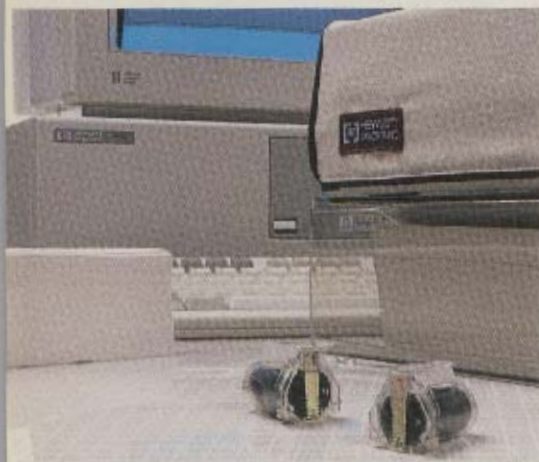
Basic black may be the accepted standard in business visuals. But there's nothing like HP JetPaper color Print Cartridges to get your message across with flair.

These cartridges let you produce attention-getting correspondence and presentations in green, blue or red. Print pages of text in a totally unexpected color. Or print text in black and use a color for graphics. It's your choice!

Each color cartridge prints about 500 pages. Use one color per JetPaper page for more effective printing.

51605B HP JetPaper print cartridge, blue \$13.95 ea.
51605G HP JetPaper print cartridge, green \$13.95 ea.
51605R HP JetPaper print cartridge, red \$13.95 ea.

Get everything you need for your HP ThinkJet Printer in a single, convenient kit!



Put your HP ThinkJet Printer to work for you immediately with this five-in-one kit.

This kit includes all the basics: one black JetPaper Print Cartridge to print on HP JetPaper, one black Plain Paper Print Cartridge to print drafts and memos on any paper, and 1000 sheets of microperforated Z-Fold HP JetPaper (finished size: 216 x 279mm or 8.5 x 11 in.).

Plus you'll get our acrylic Printer Stand and our static- and water-resistant 100% cotton Dust Cover to protect your printer.

92261D HP ThinkJet Accessory Kit \$120.00 ea.

Transport your HP ThinkJet Printer with confidence

Count on this tough, scuff-free case to transport your ThinkJet Printer and accessories safely. It has a compartment for your printer's power supply, cables, battery pack and AC adapter-recharger.

Crafted of water-resistant nylon, the case comes with a leather-bound nylon handle and a padded shoulder strap. Measures 215 H x 381 W x 114 D mm (8.5 H x 15.0 W x 4.5 D in.); available in dark gray with black straps.

35178C ThinkJet Carrying Case \$59.00 ea.



Tidy up your desk with our space-utilizing Printer Stand

Slip one of our lightweight, durable acrylic Printer Stands under your HP ThinkJet, QuietJet or QuietJet Plus

Choose a Printer Stand for your HP ThinkJet...



Printer, and your desk just got bigger.

How so? Because our stands let you stack printer over printer paper.

What's more, they feature a cleverly raised rear edge to keep cables away from the flow of your output. And that edge easily supports a wire paper catcher (see below).

Choose a stand customized for your particular HP personal printer, or the versatile model suitable for a desktop printer or a graphics plotter.

92261S HP ThinkJet Printer

Stand \$49.00 ea.

92261U HP QuietJet Printer

Stand \$79.00 ea.

92261T HP QuietJet Plus Printer

Stand \$84.00 ea.

For dimensions, see the chart on p. 43



...or your HP QuietJet Printer.

Keep that printer output in its place!

Attach our Wire Paper Catcher to the stand of your HP personal printer for output that folds neatly, undisturbed by power cords and cables.

It can be positioned flat on your desk,



Lay the Wire Paper Catcher on your desktop behind your printer.

or suspended behind your printer by its connecting chain at a 30-degree angle.

You can even attach our Paper Catcher to a Terminal Top Printer Stand (see page 42) and suspended it behind both printer and terminal.

92261G HP QuietJet/QuietJet Plus Printer Paper Catcher

(1-2 units) \$35.00 ea.

(3-9) 31.00 ea.

(10+) 28.00 ea.

92261R HP ThinkJet Printer Paper Catcher

(1-2 units) \$35.00 ea.

(3-9) 31.00 ea.

(10+) 28.00 ea.

For dimensions, see the chart on p. 43



...or suspend our Wire Paper Catcher behind your HP personal printer and desk to maximize space

Produce mailing labels, directly from your HP ThinkJet, QuietJet or QuietJet Plus Printer

Our HP JetLabels are engineered for optimum printing on HP personal printers, without jamming or tearing.

Economical and simple to use, HP JetLabels are the only Z-Fold labels designed specifically to conform with the built-in margin spacing in HP ThinkJet Printers.

And you can expect the same high level of print quality on HP JetLabels as with HP JetPaper, because these pressure-sensitive, self-adhesive labels are made from the same paper stock.

Labels come two across, 2,000 per box; dimensions are 89 x 24mm (3.5 x 1 1/2 in.) on 241mm (9.5-in.) form width.

51630L HP JetLabels

(1 box) \$18.95 ea.

HP JetLabels are the only labels designed specifically for printing on your HP ThinkJet, QuietJet or QuietJet Plus.



note!

Q: When is a printer more than a printer?

A: When you use PrintAPlot! See page 34 for details.



Take the eyestrain—and backpain!—out of data entry with our ingenious copyholders

Our Clamp-on Copy Holder is easily adjusted; you can position it where you need it to most conveniently reference your copy.

It clamps to vertical or horizontal surfaces up to 32mm (1.25 in.) thick, and has a maximum reach of 762mm (30 in.). The line guide is movable, and friction locks securely hold the position you have selected. ☐

92171A Clamp-on Copy Holder
(1–2 holders) \$53.00 ea.
(3+) 48.00 ea.

Placing this Easel Copy Holder between detached keyboard and display means less eye strain. The holder will tilt at the push of a button from zero to 90 degrees. The line guide mechanism can be used either on the left or right side of the holder, or may be completely removed. Holds page sizes up to 378 x 279mm (14.87 x 11 in.). Cream-gray color. ☐

92171B Easel Copy Holder
(1–2 holders) \$59.00 ea.
(3+) 53.00 ea.

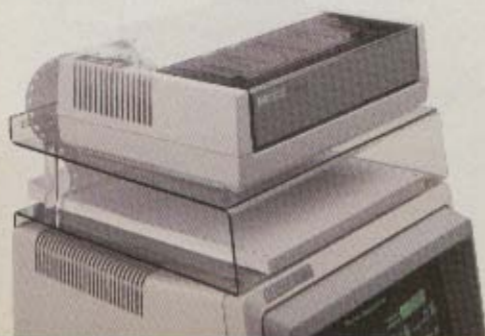
Stack ThinkJet/paper above terminal and save desktop space

Off your desk and atop your HP 2392A Terminal, this acrylic stand gives you more work surface and maximum use of terminal space.

Lower tier holds approximately 400 sheets of Z-Fold JetPaper. Rear edge is raised to route cables and power cord away from the paper path, and support the 92261R Wire Paper Catcher.

Printer and stand won't interfere with terminal ventilation. Stand also works with the HP 150 II PC, other HP 239x Terminals. Dimensions: 64 H x 325.6 W x 276.9 D mm (2.5 H x 12.7 W x 10.8 D in.).

92171X Terminal-top ThinkJet Stand ☐
(1–2 units) \$59.00 ea.
(3–9) 53.00 ea.



Stack your ThinkJet on your HP 700 Terminal? Yes! In the grip of this sturdy, space-saving stand

Snap this ingenious stand onto your HP 700 Terminal and watch your HP ThinkJet printer do the unthinkable! It moves "upstairs," and suddenly you've got room to work. Your printer's right in front of you—taking zero desk space!

Completely secure at any angle. Custom-designed just for the HP 700, this easy-to-install acrylic stand "grabs" your terminal under tension and can't let go.

Just slide the 38.1mm (1.5 in.) prongs all the way into your terminal's screw-holes and push the stand forward until its lip clicks over the front edge of your terminal.

Then set the ThinkJet on top. Four rubber grippers squeeze the printer snugly so it can't budge. Slide in up to 400 sheets of fanfold paper, and you're set. Now swivel or tilt your terminal to any position. Your printer is 100 percent secure, and you've found the space you need to get things done. Dimensions: 165.1 H x 298.5 W x 304.8 D mm (6.5 H x 11.75 W x 12 D in.).

92269B ThinkJet Printer Stand for HP 700 Terminals
(1–2 units) \$49.00 ea.
(3–9) 46.00 ea.
(10+) 41.00 ea.



Discover new room on your desk! Custom stand holds your ThinkJet safely at any angle, without taking a bit of your workspace.

ThinkJet/QuietJet/QuietJet Plus supplies and accessories

Product no.	Description	Price	Product no.	Description	Price
51604A	Plain Paper Print Cartridge, black. For use on common printer papers. 500,000 characters (approx. 400 pages). Fits QuietJet, ThinkJet and QuietJet Plus Printers.	\$11.95 ea.	92250X	QuietJet dust cover.	\$20.00 ea.
92261A	JetPaper Print Cartridge, black. 600,000 characters (approx. 500 pages). Fits QuietJet, ThinkJet and QuietJet Plus Printers.	\$11.95 ea.	92250V	ThinkJet dust cover.	\$19.00 ea.
51605B	JetPaper Print Cartridge, blue. 600,000 characters (approx. 500 pages). Fits QuietJet, ThinkJet and QuietJet Plus Printers.	\$13.95 ea.	35178C	ThinkJet carrying case.	\$59.00 ea.
51605G	JetPaper Print Cartridge, green. 600,000 characters (approx. 500 pages). Fits QuietJet, ThinkJet and QuietJet Plus Printers.	\$13.95 ea.	92261G	Paper catcher for 92261U QuietJet Printer stand and 92261T QuietJet Plus Printer stand. Set catcher on, or suspend at up to a 30° angle from your desk. Dimensions: 64 H x 414 W x 343 D mm (2.5 H x 16.3 W x 13.5 D in.)	\$35.00 ea.
51605R	JetPaper Print Cartridge, red. 600,000 characters (approx. 500 pages). Fits QuietJet, ThinkJet and QuietJet Plus Printers.	\$13.95 ea.	92261R	Paper catcher for 92261S ThinkJet Printer stand. Dimensions: 64 H x 305 W x 343 D mm (2.5 H x 12 W x 13.5 D in.)	\$35.00 ea.
51630A	Z-Fold JetPaper. 500 sheet box. 75g (20 lb.) microperforated. Finished size is 8.5 x 11 in. Fits ThinkJet, QuietJet and QuietJet Plus Printers.	\$20.95/box	92261S	ThinkJet Printer stand. Dimensions: 82 H x 298 W x 305 D mm (3.3 H x 11.75 W x 12 D in.)	\$49.00 ea.
51630C	Z-Fold JetPaper. 500 sheet box. 75g (20 lb.) microperforated. Finished size is 210 x 297mm. Fits ThinkJet, QuietJet and QuietJet Plus Printers.	\$20.95/box	92261T	QuietJet Plus Printer stand. Dimensions: 89 H x 533 W x 297 D mm (3.5 H x 21 W x 11.7 D in.)	\$84.00 ea.
92261K	Z-Fold JetPaper. 2500 sheet box. 75g (20 lb.) microperforated. Finished size is 210 x 297mm. Fits ThinkJet, QuietJet and QuietJet Plus Printers.	\$69.95/box	92261U	QuietJet Printer stand. Dimensions: 89 H x 400 W x 297 D mm (3.5 H x 15.75 W x 11.7 D in.)	\$79.00 ea.
92261N	Z-Fold JetPaper. Five individually wrapped 500 sheet packs. (2500 sheets total.) 75g (20 lb.) microperforated. Finished size is 8.5 x 11 in. Fits ThinkJet, QuietJet and QuietJet Plus Printers.	\$69.95/box	92171X	Terminal-top ThinkJet Printer stand. Dimensions: 70 H x 320 W x 272 D mm (2.75 H x 12.7 W x 10.8 D in.)	\$59.00 ea.
51630D	Z-Fold Wide JetPaper. 2500 continuous sheet box. 75g (20 lb.) Finished size is 14 1/8 x 11 in. Fits QuietJet Plus Printer.	\$84.95/box	82199A	ThinkJet battery pack (For use with 2225B/P only)	\$55.00 ea.
51630H	Z-Fold Wide JetPaper. 2500 sheet box. 75g (20 lb.) Finished size 375 x 305mm. Fits QuietJet Plus Printer.	\$84.95/box	82059D	AC adapter/recharger for HP 2225B/P. (120V)	\$20.00 ea.
51630L	Pressure-sensitive, self-adhesive ink-jet labels. Dimensions: 89 x 24mm (3 1/2 x 1 1/8 in.) (241mm or 9 1/2 in. form width). Two across, 2,000 per box, fanfold. See page 40.	\$18.95/box	82241A	AC adapter for HP 2225CX. (120V)	\$15.00 ea.
92250W	QuietJet Plus dust cover.	\$27.00 ea.	82066B	AC adapter/recharger for HP 2225B/P. (220V)	\$25.00 ea.
			82068B	AC adapter/recharger for HP 2225P. (Australia)	\$35.00 ea.
			17122B	Replacement external power module for U.S. and Canada, 120V/50/60Hz. Use with the PaintJet, DeskJet, QuietJet or QuietJet Plus Printers.	\$66.00 ea.
			17222B	Replacement external power module for Europe, 220V/50Hz. For other countries and different configurations, call for info.	\$66.00 ea.

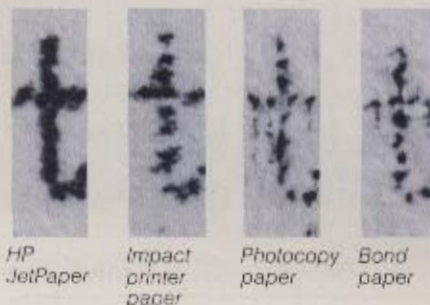


Three reasons to choose HP JetPaper

1. HP JetPaper produces the sharpest image. HP JetPaper is specially engineered for printing with HP ink-jet print cartridges. When droplets of ink are "fired" from an ink-jet cartridge, the uniformly laid fibers in the HP JetPaper surface absorb the ink evenly in all directions, facilitate fast ink drying, and prevent the printed characters from smudging, running or blotting.

2. Produces cleaner edges. HP JetPaper features ultra-fine microperforated edges to allow you to cleanly separate each sheet of paper.

3. Enhances printer reliability. HP JetPaper is designed to significantly reduce the amount of floating paper dust which can clog ink-jet cartridges.





Conserve desktop space

Use this sturdy, color-coordinated Printer/PC Stand with your HP RuggedWriter 480 Printer, and you can store up to 250 sheets of continuous-feed paper on your desktop. This stand allows your paper to flow from underneath your printer unhindered by power cords or desktop clutter. The dove grey color is complementary to your printer. Dimensions are 101 H x 612 W x 396 D mm (4.0 H x 24.1 W x 15.6 D in.).

92166A RuggedWriter 480 Printer Stand (or Keyboard Park)	
(1-2)	\$99.00 ea.
(3-9)	95.00 ea.
(10+)	89.00 ea.



Customize your RuggedWriter 480 printing

The RuggedWriter 480 Font Cartridge expands your printing capabilities, to help your letters and reports stand out in a crowd. Included are Prestige Elite 12, Letter Gothic 12, Times Roman PS and Helvetica 10. It also features 16K bytes of RAM to allow for downloading and customized font printing, or to be used as additional buffer space.

12235A RuggedWriter Font Cartridge	\$150.00 ea.
---	--------------

Prestige Elite 12

ABC abc 123 !"#%&'()*+*

Letter Gothic 12

ABC abc 123 !"#%&'()*+*

Times Roman PS

ABC abc 123 !"#%&'()*+*

Helvetica 10

ABC abc 123 !"#%&'()*+*

Simplify cut-sheet printing on your HP RuggedWriter 480 Printer

The RuggedWriter 480 Printer (HP 2235 Series) lets you print on most any cut-sheet stock, in draft- or letter-quality mode.

Our RuggedWriter 480 Sheetfeeder Accessory makes this versatility easy. The paper cassette holds up to 100 sheets, while the accessory loads and aligns each page into the printer's carriage for you.

Designed to become an integral part of your printer, this accessory snaps easily and securely into the printer frame and requires no additional space.

12239A RuggedWriter 480 Sheetfeeder accessory with U.S. letter-size paper cassette (**92285B**) \$250.00 ea.

12239B RuggedWriter 480 Sheetfeeder accessory with European A4-size paper cassette (**92285D**) (Available in Europe only.)

For extra paper trays (**92285B/D**), see page 25.



Snap the metal accessory inside, fit the cassette into the rear—takes only moments.



Print page after perfect page with the RuggedWriter 480 Printer Ribbon

Our ribbon was designed by the same engineers who developed the RuggedWriter 480 Printer. So you can expect the most clearly printed correspondence, reports and presentations possible! Each RuggedWriter 480 ribbon prints at least 3,000 double-spaced pages of black text in draft mode. And it's enclosed in a plastic case for clean, easy insertion.

92156S RuggedWriter 480 Printer Ribbon, box of 3.

(1 box)	\$41.00 ea.
(2)	38.00 ea.
(3-8)	35.00 ea.
(9-17)	31.00 ea.
(18+)	28.00 ea.



Call us with your Purchase Orders or



Tempted to switch to another brand of ribbon for your HP printer? Read this first. Learn why ours are the best to use...no matter what else is available!

Why buy HP ribbons for your HP printer when so many other brands are available? Good question. The answer:

HP ribbons work better on your printer They give you the most consistent, problem-free printing, start to finish, time after time, of any ribbon you can buy. And they last millions of characters longer.

The difference is design Engineers who design HP printers spend months perfecting ribbons to work with them.

They specify gearing and carbon/oil ratios so the cartridge

friction matches the torque of the printer ribbon motor, preventing jams.

They match the density of the ribbon weave to the impact of your printhead. And they continue their refinements with every comment they get from our customers.

What's more, we tell you how long your ribbon will last—in writing!—and give you a warranty to cover it. And our ribbons are just a toll-free telephone call away.

You cared enough to invest in the best printer. Insist on HP ribbons as well. It's the *only* ribbon engineered to make your HP printer a perfect printing system.

HIJK
FHIJ

HP ribbons give you no "hot spots"

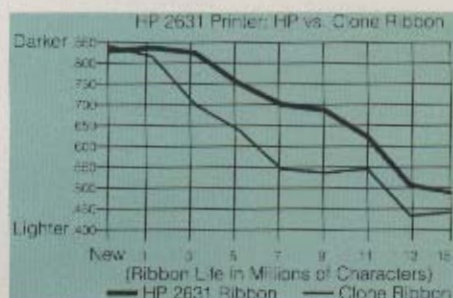
SUVW
QKSU

...no "dropouts"

PQRS
QPQR

...no overinking or smearing!

The dark truth about ribbons Ribbons need the right balance of solids (carbon) to liquids (oil). Too much solid stalls the ribbon, giving you "drop-outs". Too much oil, and you get solid O's (over-inking) and uneven dark/light areas ("hot spots"). HP ribbons print crisply, smoothly every time.



Ours are typically darker at 15 million characters than others at 13 million. Cost less over time!

The HP Ribbon Warranty: Within one year of purchase, your HP printer ribbon will produce crisp, clear, trouble-free print for the number of characters specified in this catalog, or return it and get a new ribbon Free!



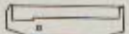
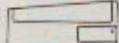
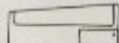
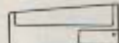
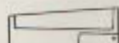
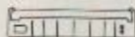
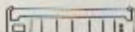
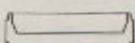
Impact printer ribbons

Impact printer model number	Description	Dimensions & measurements	Ribbon life	Unit of measure	Product number	Price
2235A/B/C/D Ruggedwriter 480 Dot Matrix Printers	Ribbon cartridges, continuous feed. Black print.	.75 in. (3/4) ribbon, 29.5 yards	4 million characters	Box of 3	92156S	(1 box) \$41.00 ea. (2) 38.00 ea. (3-8) 35.00 ea. (9-17) 31.00 ea. (18+) 28.00 ea.
2563A/2563B/2563C/ 2564B/2564C/2608A/S Dot Matrix Printers	Long-life, text-only ribbon cartridges, mobius loop construction. Blue/black print.*	.75 in. (3/4) ribbon	30 million characters	Box of 3	92162A Replaces 92158A	(1-2 boxes) \$69.00 ea. (3-8) 63.00 ea. (9-17) 56.00 ea. (18-53) 53.00 ea. (54+) 50.00 ea.
Above printers plus 2562C	Dual purpose ribbon cartridges, for both text and optical mark recognition applications. Black print.	.75 in. (3/4) ribbon	3.0 million characters OCR/Barcode (25 million characters text)	Box of 3	92162M Replaces 92158M and 92158H	(1-2 boxes) \$70.00 ea. (3-8) 64.00 ea. (9-17) 57.00 ea. (18-53) 54.00 ea. (54+) 51.00 ea.

*Blue/Black ink appears black to the eye. The addition of some color tint increases the perceived darkness of the printing as compared to ordinary black ink.

Note: Blue/Black ink has a lower cost-per-character output, while Black ink is more resistant to fading over time.

Impact printer ribbons (continued)

Impact printer model number	Description	Dimensions & measurements	Ribbon life	Unit of measure	Product number	Price
2565A/2566A/2566C/ 2567B/2567C High Speed Dot Matrix Printers 2613A Line Printer (Also 12975A Subsystem) 2617A Line Printer (Also 13053A Subsystem)	Wide nylon ribbon. Blue/black print. 	15 in. ribbon, 20 yards, .004 in. thick	1 million lines	Each	9282-0545	(1 ribbon) \$44.00 ea. (2-8) 34.00 ea. (9-17) 30.00 ea. (18-53) 28.00 ea. (54+) 27.00 ea.
2601A Daisywheel Printer	Multistrike, high-capacity, reel-to-reel ribbon cartridges. Black print. 	.31 in. (5/16) ribbon	235,000 characters	Box of 12 	92151C	(1 box) \$60.00 ea. (2-3) 57.00 ea. (4+) 55.00 ea.
	Fabric, continuous cycle feed ribbon cartridges. Black print. 	.31 in. (5/16) ribbon	800,000 characters	Box of 12 	92151D	(1 box) \$62.00 ea. (2-3) 59.00 ea. (4+) 57.00 ea.
2602A Daisywheel Printer	Multistrike, high capacity reel-to-reel ribbon cartridge. Black print. 	.31 in. (5/16) ribbon	450,000 characters	Box of 12 	92151H	(1 box) \$78.00 ea. (2-3) 74.00 ea. (4+) 71.75 ea.
2603A Daisywheel Printer	Multistrike, high-capacity, reel-to-reel ribbon cartridges. Black print. 	.56 in. (14.3 mm) ribbon, 153 yards	500,000 characters (500 pages)	Each 	92271A	(1-2 boxes) \$18.00 ea. (3-9) 16.40 ea. (10+) 14.80 ea.
	Fabric, continuous cycle feed ribbon cartridges. Black print. 	.56 in. (14.3 mm) ribbon, 43.7 yards	1.2 million characters	Box of 2 	92271E	(1-2 boxes) \$45.00 ea.
2608A/S Dot Matrix Printer	Long-life, text-only ribbon cartridges, mobius loop construction. Blue/black print.* 	.75 in. (3/4) ribbon	30 million characters	Box of 3	92162A Replaces 92158A	(1-2 boxes) \$69.00 ea. (3-8) 63.00 ea. (9-17) <i>new</i> 56.00 ea. (18-53) 53.00 ea. (54+) 50.00 ea.
	Dual purpose ribbon cartridges, for both text and optical mark recognition applications. Black print. 	.75 in. (3/4) ribbon	3.0 million characters OCR/Barcode (25 million characters text)	Box of 3	92162M Replaces 92158M and 92158H	(1-2 boxes) \$70.00 ea. (3-8) 64.00 ea. (9-17) <i>new</i> 57.00 ea. (18-53) 54.00 ea. (54+) 51.00 ea.
2611A/2619A Line Printer	Wide nylon ribbon for normal print applications. Blue/black print.* 	14 in. ribbon, 15 yards, .005 in. thick	1 million lines	Each	1535-3914	(1-2 ribbons) \$36.00 ea. (3-11) 30.00 ea. (12+) 26.00 ea.
	Wide nylon ribbon. for high-contrast print applications. Black print. 	14 in. ribbon, 18 yards, .004 in. thick	360,000 lines	Each	92230A	(1-2 ribbons) \$52.00 ea. (3-11) 43.00 ea. (12+) 38.00 ea.
2631A/B Dot Matrix Printer 2635A/B Printing Terminal 2639A Printing Terminal	Ribbon cartridges, mobius loop construction, continuous feed. Black print. 	.75 in. (3/4) ribbon, 55 yards	12 million characters	Box of 3 	92155A	(1 box) \$56.00 ea. (2-3) 54.00 ea. (4-7) 46.00 ea. (8-15) 40.00 ea. (16+) 39.00 ea.
2631G Graphics Printer	Ribbon cartridges, used with 2631G, opt. 200 only. Black print. 	.75 in. (3/4) ribbon, 55 yards	5000 bar code labels (10 charac- ters each)	Box of 3	92155B	(1 box) \$57.00 ea. (2-3) 55.00 ea. (4-7) 47.00 ea. (8-15) 41.00 ea. (16+) 40.00 ea.
2932/33/34A Dot Matrix Printers	Ribbon cartridges, continuous feed. Black print. 	.75 in. (3/4) ribbon, 50 yards	8 million characters	Box of 3 	92155L	(1-2 boxes) \$66.00 ea. (3-5) 54.00 ea. (6-8) 50.00 ea. (9-17) 48.00 ea. (18+) 45.00 ea.
2933A/2934A Dot Matrix Printer	OCR ribbon cartridge (used to print bar code). 	.75 in. (3/4) ribbon 50 yards	2 million lines	Box of 3 	92155M	(1-2 boxes) \$70.00 ea. (3-5) 62.00 ea. (6-8) 58.00 ea. (9-17) 56.00 ea. (18+) 53.00 ea.
82905A/B Dot Matrix Printer 82906A Dot Matrix Printer	Ribbon cartridges, continuous feed. Black print. 	.5 in. (1/2) ribbon, 20 yards	2.4 million characters	Box of 2 	92156A	(1-2 boxes) \$15.00 ea. (3-7) 12.00 ea. (8-49) 10.50 ea. (50+) 10.00 ea.

*Blue/Black ink appears black to the eye. The addition of some color tint increases the perceived darkness of the printing as compared to ordinary black ink.

Note: Blue/Black ink has a lower cost-per-character output, while Black ink is more resistant to fading over time.

We stock ribbons for all HP Printers, even those obsolete five or more years ago, as part of HP's commitment to support the life of their products. Call if you do not see your printer listed.

2934A Printer Plug-in character style font cartridges

92188A Courier 10	ABCabc123	92188J Italic 12	ABC abc 123
92188B Courier 12	ABCabc123	92188K Orator 12	ABC123! " # \$ % & ' () * + , - . / : ; @ [\] ^ _ ` = < ? { } ~
92188E Helv 10	ABC abc123	92188M Prestige Pica 10	ABCabc123
92188G OCR A	ABC [\] ^ _ ` = < ? { } ~	92188N Prestige Elite 12	ABC abc 123
92188H Light Italic 10	ABCabc123, - . /	92188R Letter Gothic 12	ABC abc 123
		92188T OCR B	ABC [\] ^ _ ` = < ? { } ~
		Price	\$100.00 ea.

HP 2601A Printer Printwheels³

Plastic printwheels —96 character Note: sold in boxes of six each.	Pica 10 92252A	ABC abc 0123	Metalized printwheels —88 character Note: sold as single wheels.	Titan 10 92153A	ABC abc 0123	
	Courier 10 92252B	ABC abc 0123		Pica 10 92153B	ABC abc 0123	
	Manifold 10 92252C	ABC ABC 0123		Elite 12 92153C	ABC abc 0123	
	OCR-B 10 92252F	ABC abc 0123		Letter Gothic 12 92153D	ABC abc 0123	
	Courier Legal 10A 92252G	ABC abc 0123		Bold PS ¹ 92153E	ABC abc 0123	
	Elite 12 92252H	ABC abc 0123		(1-2 wheels)	\$60.00 ea.	
Prestige Elite Legal 12A 92252J	ABC abc 0123	(3-5) ²	55.00 ea.			
	Courier 72 92252K	ABC abc 0123	(6+) ²	51.00 ea.		
		General Scientific 92252L	V=ψφ+<ΔΓ+>Ωδν+2ΓθΣ+Ξ=Δ≡Τ× αβψφεζληι, κμνρσγθστξδχυξ	Metalized printwheels —96 character Note: sold as single wheels.	Titan 10 92153U	ABC abc 0123
			Financial 10 92153V		ABC 0123456789 #cd6f18†*B4m5 0@/41293070] ! # \$ % & ' * + , () * + , - . / : ; < = > ? @ [\] ^ _ ` { } ~	
			Cubic PS ¹ 96 92153W		ABC abc 0123456789 # ! " # \$ % & ' () * + , - . / : ; < = > ? @ [\] ^ _ ` { } ~	
	(1 box of six printwheels)	\$42.00 ea.	(1-2 wheels)	\$70.00 ea.		
(2-4) ²	36.00 ea.	(3-5) ²	65.00 ea.			
(5+) ²	32.80 ea.	(6+) ²	62.00 ea.			

HP 2602A Printer Printwheels³

USASCII Plastic printwheels—98 character Note: sold as single wheels.	Courier 10 92262A	ABC abc 0123	Letter Gothic 12 92262F	ABC abc 0123
	Prestige Pica 10 92262B	ABC abc 0123	Bold Face PS ¹ 92262G	ABC abc 0123
	Courier 12 92262D	ABC abc 0123	(1 wheel)	\$15.00 ea.
	Prestige Elite 12 92262E	ABC abc 0123	(2-5) ²	14.00 ea.
			(6+) ²	12.00 ea.

HP 2603A Printer Printwheels³

Heavy (dual) Plastic printwheels Note: sold as single wheels.	Courier 10 ⁴ 92270A	ABC abc 0123	Kent PS ^{1,4} 92270H	ABC abc 0123
	Prestige Elite 12 ⁴ 92270C	ABC abc 0123	Modern PS ^{1,4} 92270J	ABC abc 0123
	Letter Gothic 12 ⁴ 92270D	ABC abc 0123	Esteem Pica 10 92270K	ABC abc 0123
	Italics 12 ⁴ 92270E	ABC abc 0123	NA Modern PS ^{1,4} 92270Q	ABC abc 0123
	Eletto 12 ⁴ 92270F	ABC abc 0123	Prestige Elite 12 Legal 92270R	ABC abc 0123
	Mikron 15 ⁴ 92270G	ABC abc 0123	(1-3 wheels)	\$19.95 ea.
			(4-10) ²	17.60 ea.
			(11+) ²	15.60 ea.

¹PS-Proportional Spaced. This wheel does not work with WordStar® software.²Quantity discounts apply to purchase of single part numbers only.³For information on international printwheels contact us at (800) 538-6787.⁴Contains Roman 8 character set.

Impact printer supplies

Printer	Description	Product number	Price
2601A	9.5 x 11.6 in. (241 x 295mm) Printwheel storage album. Bone-colored with black accent. Holds six printwheels.	92167W	(1-2 albums) \$13.00 ea. (3-4) 12.00 ea. (5+) 11.00 ea.
	Extra paper trays for HP 26010D sheet feeder. (8.5 x 11 inch)	92177J	(1-2 trays) \$100.00 ea. (3+) 90.00 ea.
	(landscape: 11 x 8.5 inch)	92177K	
	(legal: 8.5 x 14 inch)	92177L	
	(210 x 297mm/A4)	92177M	
	(landscape: 210 x 297mm/A4)	92177N	
2602A	305 x 338mm (12 x 13.3 in.) Printwheel storage album. Bone-colored with brown accent. Holds six 98-character printwheels.	92167V	(1-2 albums) \$15.00 ea. (3-9) 12.00 ea. (10+) 10.00 ea.
2608A/S	Package of layout forms. Total 250 sheets on 5 pads.	02608-60091	\$17.00 pkg.
2611A	Individual pre-punched VFU tape. (88 lines/page)	02619-80003	\$10.00 ea.
2613A	Blank VFU tape, self adhesive.	4114-0371	(1 pkg) \$41.00 ea.
2617A	25 blank tapes per package.		(2+) 37.00 ea.
2618A			
2619A	Package of 3 vacuum bags (min. order 5 packages).	9300-0750	\$4.10 ea.
2619A	Chain train oil, 1 oz. bottle.	92230B	\$8.50 ea.
	Chain train oil, 1 qt. refill bottle.	92230C	\$67.50 ea.
2631A/B/G	Replacement print head. Average life is 50 to 100 million characters.	92154G	(1-2 heads) \$185.00 ea. (3+) 160.00 ea.
2635/39			
2932/33/34A Dot Matrix Printers	Replacement print head. Average life is 50 to 100 million characters.	92154B	(1-4 heads) \$175.00 ea. (5-14) 160.00 ea. (15-29) 140.50 ea. (30-119) 135.00 ea. (120+) 125.00 ea.
82905A/B	Print head. Reliable and user installable. Average life is 50 to 100 million characters.	92154P	\$109.00 ea.
82906A	Print head. User installable. Average life is 50 to 100 million characters.	92154N	\$141.00 ea.
Miscellaneous supplies	12-Channel VFU tape punch. Will punch either six or eight lines-per-inch control tapes. Splicing easy with precision registration pins and hold-down arms on punch. Bidirectional control knob moves tape easily through punch.	92231A	\$225.00 ea.
	Paper perforator tape, Box of 28 Rolls. (Supersedes 9280-0063.) Oiled gray paper tape, 25.4mm (1 in.) Each roll 305m (1000 ft.) long.	92231B	(1 box) \$93.00 ea. (2-4) 81.00 ea. (5-9) 75.00 ea. (10+) 73.00 ea.



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**See page 21 for
more details**

Thermal paper for HP computers (see paper styles below)

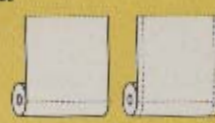
	Description	Measurements	Unit of Measure	Product number	Price
COMPUTERS/ CALCULATORS	Continuous roll Blue print	106mm (4.25 in.) width 122m (400 ft.) roll length	Box of 2 rolls	82931A	(1-4 boxes) \$38.00 ea. (5+) 36.00 ea.
	Continuous roll Black print	106mm (4.25 in.) width 122m (400 ft.) roll length	Box of 2 rolls	82954A	(1-4 boxes) \$33.00 ea. (5+) 29.00 ea.
125A/B Touchscreen (HP 150)			See 92160A/B thermal paper below.		
9000 Model 520	Fanfold pack Black print U.S. dimensioned	216mm (8.5 in.) width 279mm (11 in.) length 330 sheets per pack	Box of 4 packs	9270-0640	(1 box) \$104.00 ea. (2-5) 95.00 ea. (6+) 92.00 ea.
	Fanfold pack Black print Metric dimensioned	211mm (8.27 in.) width 287mm (11.69 in.) length 330 sheets per pack	Box of 4 packs	9270-0642*	(1 box) \$104.00 ea. (2-5) 95.00 ea. (6+) 92.00 ea.
9810A 9820A 9821A 5150A	Continuous roll Blue print	57mm (2.25 in.) width 76m (250 ft.) roll length	Box of 6 rolls	9281-0401	(1 box) \$26.00 ea. (2-4) 24.00 ea. (5-19) 23.00 ea. (20+) 19.00 ea.
	Continuous roll Blue print	57mm (2.25 in.) width 76m (250 ft.) roll length	Box of 6 rolls	9270-0479	(1 box) \$35.00 ea. (2-4) 33.00 ea. (5-19) 30.00 ea. (20+) 28.00 ea.
	Continuous roll Black print	57mm (2.25 in.) width 76m (250 ft.) roll length	Box of 6 rolls	9270-0664*	(1 box) \$35.00 ea. (2-4) 33.00 ea. (5-19) 30.00 ea. (20+) 28.00 ea.
	Continuous roll Black print	57mm (2.25 in.) width 76m (250 ft.) roll length	Box of 6 rolls	9270-0664*	(1 box) \$35.00 ea. (2-4) 33.00 ea. (5-19) 30.00 ea. (20+) 28.00 ea.
9845A/B/C/S/T	Page-perforated roll, Black print, High-contrast, U.S. dimensioned	216mm (8.5 in.) width 279mm (11 in.) length 61m (200 ft.) roll length	Box of 6 rolls	92161E	(1 box) \$106.00 ea. (2-5) 102.50 ea. (6+) 99.00 ea.
	Continuous roll, Blue print, High- contrast, Metric dimensioned	210mm (8.27 in.) width 60m (197 ft.) roll length	Box of 6 rolls	92161N*	(1 box) \$79.50 ea. (2-5) 77.50 ea. (6+) 75.50 ea.
	Continuous roll, Black print, High- contrast, Metric dimensioned	210mm (8.27 in.) width 60m (197 ft.) roll length	Box of 6 rolls	92161P*	(1 box) \$79.50 ea. (2-5) 77.50 ea. (6+) 75.50 ea.
	Page-perforated roll, Black print, High-contrast, Metric dimensioned, Horizontal perforation only	210mm (8.27 in.) width 257mm (11.69 in.) length 60m (197 ft.) roll length	Box of 6 rolls	92161R*	(1 box) \$106.00 ea. (2-5) 102.50 ea. (6+) 99.00 ea.
PRINTERS/ CALCULATORS	Continuous roll Blue print U.S. dimensioned	216mm (8.5 in.) width 30.5m (100 ft.) roll length	Box of 24 rolls	92160A	(1 box) \$150.00 ea. (2-5) 146.00 ea. (6+) 140.00 ea.
	Continuous roll Black print U.S. dimensioned	216mm (8.5 in.) width 30.5m (100 ft.) roll length	Box of 24 rolls	92160B	(1-2 boxes) \$137.00 ea. (3-23) 127.00 ea. (24+) 122.00 ea.
	Fanfold pack Blue print U.S. dimensioned	216mm (8.5 in.) width 279mm (11 in.) length 330 sheets per pack	Box of 4 packs	92160M	(1 box) \$120.00 ea. (2-5) 118.00 ea. (6+) 115.00 ea.
	Fanfold pack Black print U.S. dimensioned	216mm (8.5 in.) width 279mm (11 in.) length 330 sheets per pack	Box of 4 packs	92160N	(1 box) \$104.00 ea. (2-5) 95.00 ea. (6+) 92.00 ea.
7240A 7245B	Page-perforated roll Black print Metric dimensioned	241mm (9.5 in.) width outside perforation 210mm (8.27 in.) width inside perforation 298.5mm (11.75 in.) length, 61m (200 ft.) roll length	Box of 2 rolls	9270-0607*	(1-5 boxes) \$45.00 ea. (6-35) 43.50 ea. (36+) 41.50 ea.
	Page-perforated roll Black print U.S. dimensioned	241mm (9.5 in.) width outside perforation 215mm (8.5 in.) width inside perforation 279mm (11 in.) length, 61m (200 ft.) roll length	Box of 2 rolls	9270-0605	(1-5 boxes) \$45.50 ea. (6-35) 43.50 ea. (36+) 41.50 ea.
7310A	Continuous roll Black print Metric dimensioned	210mm (8.27 in.) width 75m (246 ft.) roll length	Box of 6 rolls	9270-0680*	(1-4 boxes) \$137.00 ea. (5-29) 131.00 ea. (30+) 125.00 ea.
	Continuous roll Black print U.S. dimensioned	216mm (8.5 in.) width 75m (246 ft.) roll length	Box of 6 rolls	9270-0682	(1-4 boxes) \$137.00 ea. (5-29) 131.00 ea. (30+) 125.00 ea.
97A, 82143A, 82162A	Continuous roll, Blue print	57mm (2.25 in.) width, 24m (80 ft.) roll length	Box of 6 rolls	82045A	\$12.00 ea.
82143A, 82162A, 18C	Continuous roll, Black print	57mm (2.25 in.) width, 24m (80 ft.) roll length	Box of 6 rolls	82175A	\$12.00 ea.
9866A/B HP 12996 Subsystem	Continuous roll Black print	222mm (8.75 in.) width 76m (250 ft.) roll length	Box of 6 rolls	9270-0488	(1 box) \$93.00 ea. (2-4) 85.00 ea. (5-19) 76.00 ea. (20+) 70.00 ea.
9876A	See 9270-0640 and 9270-0642 thermal paper above.				
TERMINALS 262X, 2675A	See 92160A/B thermal paper above.				
3075A, 3076A, 3077A	See 82045A and 82175A thermal paper above.				

*These metric papers are in inventory in our European warehouse. For faster delivery, U.S. customers should order from their local HP Sales Office.

Thermal paper styles



Fanfold

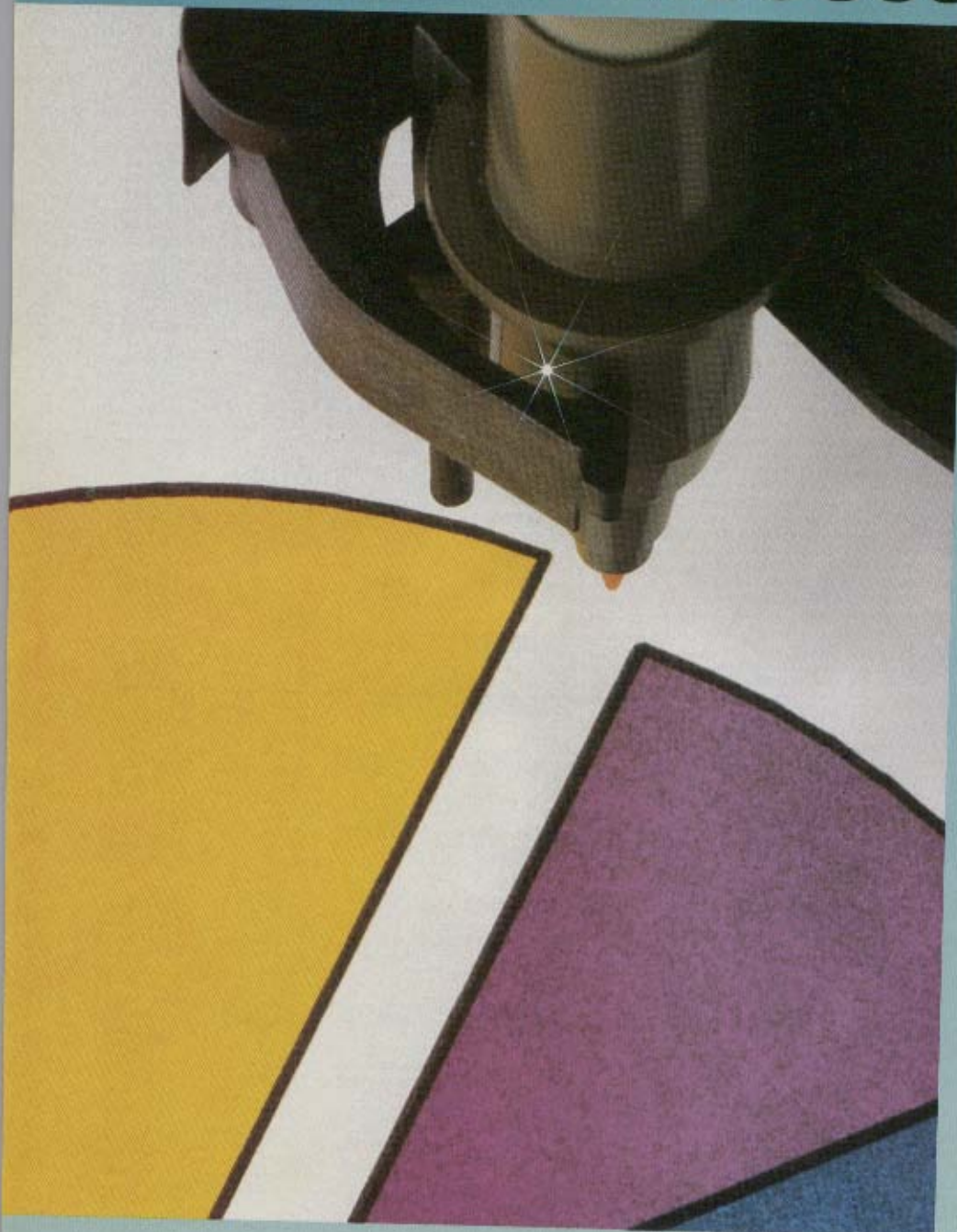


Page perforated roll



Continuous roll

Plotters & Accessories



HP ColorPro 7440A Graphics Plotter	52
HP 7475A Graphics Plotter.....	53
Plotter pens.....	54-56
Plotter media	54, 57-58
Plotter organizers, enclosures and accessories.....	59-61
Drafting media	54, 62
Drafting pens	63-65
HP Electrostatic Plotter supplies	66-67

HP graphics plotters—their technological excellence is evident in the color graphics they produce—charts with evenly aligned edges, smooth curves, brilliant colors. These results are possible because HP pens and media are designed to work specifically with HP plotters. Discover our complete line of supplies in this section.

From plotter paper to pen organizers, film to fiber tips, it's all right here...and just right for your HP plotter

If you own an HP plotter, there are two good reasons to get your supplies from HP DIRECT.

The first is selection: No matter what your application—from drafting to presentation—HP DIRECT has what you need. We're committed to having the sizes, the colors, the types, the innovations you need in stock *always*.

The second, more important, reason: Results. Simply put, HP supplies and accessories used together on your HP plotter yield the cleanest, richest, easiest plots you can create.

That's because HP supplies and accessories are engineered to work with HP hardware as a system. Paper and pens are matched to prevent smearing and bleeding. Accessories are designed for a perfect fit and an integrated look.

No other brand gives you better results. And no other source gives you a better selection. We're the *best* source for HP's complete line, and we're always adding new products—if you don't see what you want, just let us know!



Brilliant business graphics begin with HP pens and media

Choose our regular plotter paper, or top-quality glossy paper for a truly professional touch. For sharp overhead presentations, try fast-drying transparency plotter film. Select fiber-tip pens in an array of colors—see the chart on the next page to match media and pens to your application and hardware. Control plotter clutter and noise with graphics organizers and sound enclosures. Preserve precious output with plotter sleeves.

We've got hard-to-find drafting supplies ... with HP quality to boot

For precision drawings, choose HP polyester film or vellum, in English, metric or architectural sizes. Use them with our disposable or refillable drafting pens. For preliminary work, try tracing bond with our rollerball pens. You'll be pleased to know that all HP plotter pens have been tested with HP media to produce excellent line quality.



Supplies engineered to work with your HP Electrostatic Plotter

Create great plots quickly with your HP Electrostatic Plotter and HP's electrostatic media. Choose vellum or translucent paper; polyester clear or matte film. HP-brand toner and dispersant were developed and tested by the engineers who designed your plotter. Their formulas not only guarantee the best-looking output, they also ensure the longest, trouble-free operation of your HP hardware.

Add vivid colors to your business graphics

Hewlett-Packard has combined advanced technology and improved packaging into the HP ColorPro 7440A graphics plotter—at an affordable price.



The HP ColorPro eight-pen plotter combines smooth curves, well-defined diagonals, crisp characters, and vibrant colors to produce effective, high-impact business presentations. And the ColorPro Graphics Organizer acts as a stand for your plotter as well as a handy hideaway for your supplies! For more details, see page 59.

"The plotter graphs are very neat and precise. This is important because if my presentations look good, I look good."

Bill Harwick,
Business analyst
Italian Swiss Colony Wine of California, Inc.

Warranty and post-warranty services for HP plotters are available from more than 100 HP sales offices in the U.S. Call (800) 835-4747 for more information.

Media sizes

- 8.5 x 11 in. (ANSI A)
- 210 x 297 mm (ISO A4)

Media

- Paper (regular or glossy)
- Fast-drying transparency plotter film

Pens

- Number—8, automatic pen changing and capping
- Type—Fiber tip (paper or transparency)

Resolution

- 0.025 mm (0.001 in.)

Pen Acceleration

- Approximately 1.2 g's

Pen Speed

- 40 cm (15.7 in.)/s

Interfaces

- RS232C/CCITT V.24 or HP-IB (IEEE 488-1978)

The eight-pen HP ColorPro allows you to create high-quality color graphics on either paper or transparency film quickly and easily—right at your own personal computer workstation. No more drawing or typing original charts yourself; no more bargaining with the in-house art department; no more rush charges from outside graphics services.

Colors make the mark. Choose from HP's variety of fiber-tip pens for paper and transparency plotter film, each available in two line widths for bold and fine lines. Make your statement with color and HP's ColorPro plotter will create the professional finish that will make you look impressive.

The ColorPro pays attention to detail. You know the value of quality, and the ColorPro plotter is designed and manufactured to give your presentation materials the look of professionalism you demand.

While others may be satisfied with printer output, the ColorPro plotter offers precision and accuracy—right down to the smallest details like smooth circles, straight diagonal lines, and crisp characters.

Versatility. The ColorPro plotter is easy to use and compatible with your personal computer—from the Apple II[™] to the IBM PC[™], the Compaq[™] Deskpro to the HP Touchscreen II (HP 150 II) and the HP Vectra PC.

The HP ColorPro plotter for your future needs.

As your graphics needs expand, the Graphics Enhancement Cartridge, available as an accessory, will add more advanced capabilities to your ColorPro plotter, such as a larger RS232C buffer (from 60 to at least 1024 bytes) and handshaking similar to the HP 7475A. Also, the Graphics Enhancement Cartridge will let you run virtually any software program written for the HP 7475A—particularly packages for technical applications and mainframe graphics—on your ColorPro plotter! What's more, you will have more than 50 HP-GL (Hewlett-Packard Graphics Language) commands available if you choose to write your own programs.

Be sure to order the correct option, along with any necessary cables.

7440A Opt. 001 ColorPro plotter (RS232C/CCITT V.24) \$1,495.00 ea.*

Opt. 002 (HP-IB) (IEEE 488-1978) \$1,495.00 ea.*

17440A Graphics Enhancement Cartridge \$165.00 ea.*

07440-00085 Additional

8-pen carousel** \$24.00 ea.

92177W ColorPro Graphics Organizer \$119.00 ea. (see page 59)

The HP ColorPro Plotter does not have eavesdrop capability.

*Sorry, but quantity, contract, or other discount do not apply to this special off-the-shelf service.

**Extend pen life. When your plotter is not in use, remove pens from the carousel and store them capped.

HP's 92166L Plotter Sound Enclosure can protect as well as reduce the sound of your HP ColorPro (7440), 7470 or 7475 Plotter. For more details, see page 59.

High quality graphics that boast accuracy and precision

Add the HP 7475A graphics specialist to your technical team and you will find out why businesses around the world use the HP 7475A more than any other plotter on the market.

Whether you work in R & D, design or manufacturing, you can rely on the HP 7475A to give you precise, high-quality reproductions and drawings to meet your technical needs. The HP 7475A can easily handle your most difficult assignments—from architectural designs and mechanical drawings to measurement graphs and organizational charts.

In addition to creating 8½ × 11-inch charts and graphs, the HP 7475A is ideally suited for 11 × 17-inch drawings such as time lines, PERT charts, schematics, engineering drawings, project schedules and flow charts.

Drafting-needs bonus. Our liquid-ink drafting pens are specifically designed for our HP 7475A. Use them with durable, double-matte polyester film for the highest quality drafting results and reproductions.

Software plus. When it comes to software, the HP 7475A is one of the world's most widely supported plotters. Choose from hundreds of packages for a variety of technical and business applications—packages that will run on personal, desktop, mini or mainframe computers.

See your dealer for the right software for your technical or business needs.

A business graphics bonus. The HP 7475A is both a technical and business graphics specialist.

Not only will you be able to produce large scale drawings such as PERT charts, scattergrams or CAD drawings, you'll also be able to create colorful text, pie, bar and line charts. Create your high quality graphics on either paper, glossy paper or transparency film.

In addition, the HP 7475A has an easy-to-use front panel that will allow you to test pen colors, position your media to fit horizontal or vertical formats, scale or digitize points and run a built-in demo plot.

Quality with the technical advantage. The HP 7475A has outstanding accuracy and precision. It draws ruler-straight lines and crisp characters, plus it has the capability of plotting 1000 points per inch. And with no pen change you can command the HP 7475A to return to the same point within 0.1 mm (0.004 in.).

Hardware compatibility. You'll receive the same high-quality plotting results when you link up the HP 7475A to a personal computer, mainframe or smart instrument. You'll be pleased with its team performance.

7475A Opt. 801

(RS232C) \$1,995.00 ea.**
(for cables see page 83-84)



The HP 7475A six-pen plotter is an ideal solution for your technical applications. The 92177X Graphics Organizer keeps your plotter supplies organized. For more details, see page 59.

Opt. 802

(HP-IB) \$1,995.00 ea.**
(for cables see pages 83-84)

92177X 7475A

Graphics Organizer \$179.00 ea.
(See page 59)

Add drafting capability to your HP 7475A Plotter!

The HP 7475A plotter can help with many of your design/drafting needs—drafting pens (pages 64-65), a special HP 7475A drafting pen carousel (page 61), and polyester film A/A4 and B/A3 sizes (page 62) are now available for the HP 7475A. The low-cost HP 7475A with drafting capability is the ideal plotter for PC CAD systems and other applications requiring high quality.

Drafting pens and polyester films offer several advantages for your technical applications—superior line quality, translucent media, permanent copies, opaque ink, and a choice of three line widths. Because of these characteristics, you'll want to use drafting pens for:

- engineering diagrams
- overlays
- charts for microfilm reduction
- charts requiring frequent handling
- archival copies
- camera-ready art

"The plot quality is very impressive and professional looking. This reflects positively on my business."

Gary Naylor
President
Engineering Surveys

Media sizes

- 8½ × 11 in. (ANSI A)
- 210 × 297 mm (ISO A4)
- 11 × 17 in. (ANSI B)
- 297 × 420 mm (ISO A3)

Media

- Paper (regular or glossy)
- Transparency plotter film
- Double-matte polyester film

Pens

- Number—6. Automatic pen changing and capping
- Types—Fiber-tip (paper or transparency), refillable short-body drafting

Resolution

- 0.025 mm (0.001 in.)

Pen Acceleration

- Approximately 2 g's

Pen Speed

- Approximately 38.1 cm/s (15.0 in./s)

Interfaces

- RS232C/CCITT V24
- HP-IB (IEEE 488-1978)

*Also available in A4 or A3 sizes.

**Sorry, but quantity, contract, or other discounts do not apply to this special off-the-shelf service.

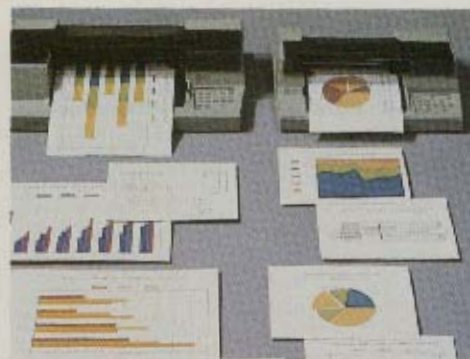
Choose the best combination of supplies for your plotter and application

Use the handy guides below to select the type of pen and paper you need, then see the following pages for ordering information. Remember, exceptional plots are the combined results of an excellent plotter and excellent supplies.

Media and pen compatibility

Use the guide below to select the right type of plotter pen for your application.

Media type	Fiber-tip pens		Drafting pens		Rollerball pens
	Paper	Transparency	Refillable	Disposable	
Plotter paper	•			•	•
Transparency film		•			
Glossy paper	•	•			
Tracing bond					•
Vellum			•	•	
Polyester film			•	•	



See our low-cost plotters, pages 52-53.

Media sizes

Look for these media size codes on the following pages. Each code corresponds to media dimensions listed below.

ANSI (English)	Dimensions Inches Millimeters	A 8.5 × 11 216 × 279	B 11 × 17 279 × 432	C 17 × 22 432 × 559	D 22 × 34 559 × 864	E 34 × 44 864 × 1118
ISO (Metric)	Dimensions Inches Millimeters	A4 8.27 × 11.69 210 × 297	A3 11.69 × 16.54 297 × 420	A2 16.54 × 23.39 420 × 594	A1 23.39 × 33.11 594 × 841	A0 33.11 × 46.81 841 × 1189
Architectural	Dimensions Inches Millimeters	C 18 × 24 457 × 610	D 24 × 36 610 × 914	Other* 30 × 42 762 × 1067	E 36 × 48 914 × 1219	

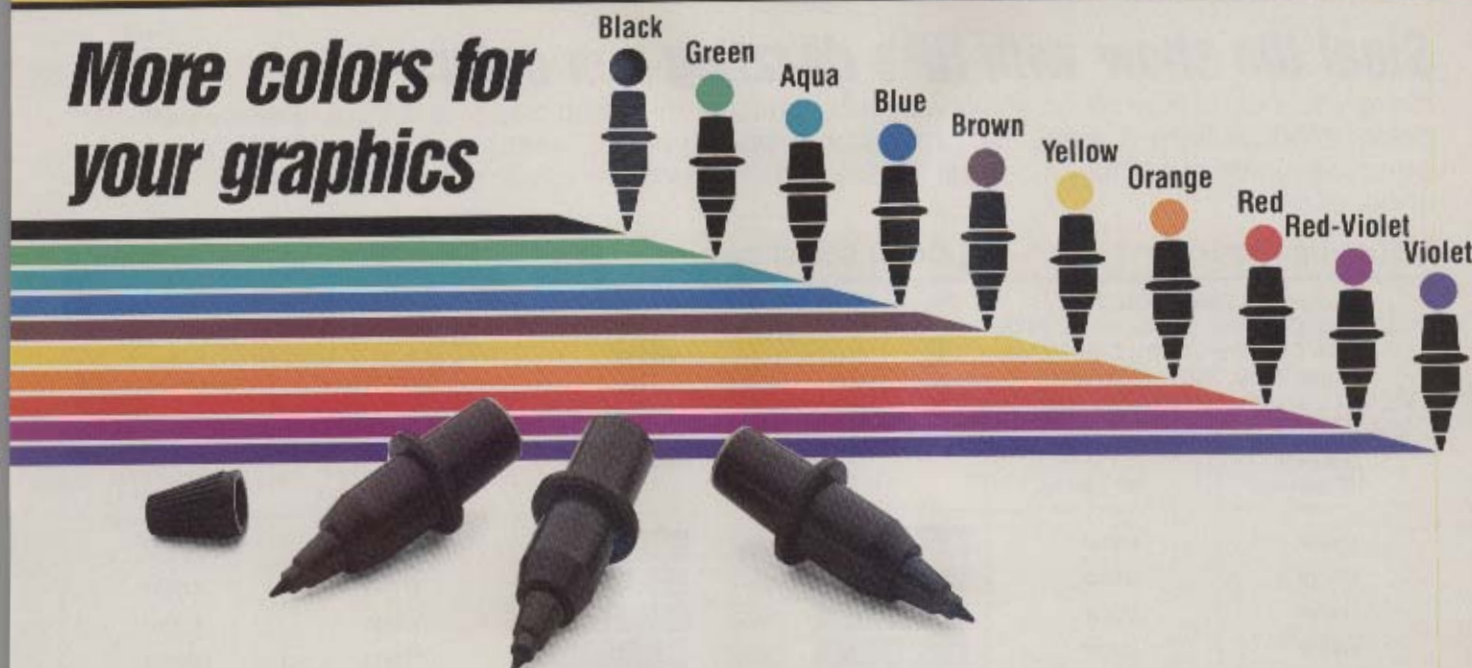
*HP DraftMaster Series and DraftPro EXL

Media and plotter compatibility

Use the guide below to identify the media types and sizes supported by your plotter.

[illegible]

More colors for your graphics



A rainbow of colorful pens and media to match give personality to your presentations!

The vibrance of violet, the brilliance of blue, the radiance of red and many more majestic colors are at your fingertips with HP's variety of plotter pens. Filling your presentations with the polish of color shows creativity, and a conscious effort to make your work stand out.

10 attractive colors

Give your hardcopy graphics that extra professional edge with HP's family of matching paper and transparency pen colors. Carefully chosen to work together harmoniously, all 10 colors are available in both narrow and wide line widths.

High quality ink formulations for long pen life

HP's paper and transparency pens provide optimum density and color consistency, with maximum writing distance.

Customize orders with single color packs

Choose just the colors you want. Select from all 10 colors in narrow-line width and wide-line width to order single-color packs of your own choice. Plus, because of your requests, we've added 6 colors: Aqua, Violet, Brown, Yellow, Orange and Red-Violet; to our wide-line width single-color pen packages. See the chart at right for details.

Total writing system

HP pens, media and plotters are designed to work together for optimum results. Use our compatibility guides to choose the best complement of supplies for your plotter and application.

HELPFUL IDEA!

Capture them with color!

- **Use color to differentiate.** Be bold and choose colors with high contrast to help your audience make comparisons.
- **Use color to emphasize.** Draw attention to that important statistic or issue with a unique use of color.
- **Use color to identify.** Make your charts easy to understand by using color to visually portray parallel levels of information.
- **Use color wisely.** Too much color can distract your audience from your important message. We recommend to use no more than five colors for charts with graphs. For text only, stick with the attractive simplicity of black plus one other color.

International pen carousel systems

Below you'll find HP's six pen types and their corresponding international pen symbols. A symbol appears on the top of pen carousels, so it's easy for you to make the right match.



Paper,
see
page 56



Transparency,
see page 56



Rollerball,
see page 65



Refillable,
see page 65



Disposable
Veilum,
see page 64



Disposable
Polyester
Film, see
page 64

Steal the show with HP's dazzling pen colors

Make your next presentation shine with HP's family of matching paper and transparency pen colors. Choose from 10 beautiful, professional-looking colors—each guaranteed to give your graphics plenty of audience appeal. These fiber-tip pens are especially suited to area-fill applications.

Fiber-tip paper pens

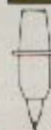


For use with 7090, 7220, 7221, 7225, ColorPro (7440), 7470, 7475, 7550, DraftPro (7570), DraftMaster Series, 7580, 7585, 7586, and 9872 Graphics Plotters.

Color selection

The fiber-tip paper pens at left and the fiber-tip transparency pens at right are both available in the colors shown below.

Fiber-tip transparency pens



For use with HP 7090, 7220, 7221, 7225, 7470, 7475, 7550, ColorPro (7440), DraftMaster Series and 9872 Graphics Plotters.

P3 Narrow line (0.3 mm) HP part no.	P7 Wide line (0.7 mm) HP part no.	Single-color packages (5 pens/package)		T3 Narrow line (0.3 mm) HP part no.	T6 Wide line (0.6 mm) HP part no.
17825P	17826P		Black	17725T	17726T
17827P	17828P		Green	17727T	17728T
17829P	17830P		Aqua	17729T	17730T
17831P	17832P		Blue	17731T	17732T
17833P	17834P		Violet	17733T	17734T
17835P	17836P		Brown	17735T	17736T
17837P	17838P		Yellow	17737T	17738T
17839P	17840P		Orange	17739T	17740T
17841P	17842P		Red	17741T	17742T
17843P	17844P		Red-Violet	17743T	17744T

P3 Narrow line (0.3 mm) HP part no.	P7 Wide line (0.7 mm) HP part no.	Multi-color packages (1 pen in each color 5 pens/package)	T3 Narrow line (0.3 mm) HP part no.	T6 Wide line (0.6 mm) HP part no.
17845P	17846P	Black Blue Red Green Yellow	17745T	17746T
17847P	17848P	Black Blue Aqua Violet Green	17747T	17748T
17849P	17850P	Brown Yellow Orange Red Red-Violet	17749T	17750T

(1-4 pkgs)* \$7.00 pkg. (25-100)* 5.60 pkg. (151+)* 4.90 pkg.
 (5-24)* 6.30 pkg. (101-150)* 5.25 pkg. *Price breaks apply to purchase of single product numbers only.

Pen and Plotter compatibility (Use the guide below to select the pens best suited to your plotter.)

Plotter model no.	Fiber-tip pens		Disposable drafting pens	Refillable drafting pens		Rollerball pens
	Paper	Transparency	Long body	Short body	Long body	Long body
7220, 7221, 9872	•	•		•		
7225	•	•				
ColorPro 7220, 7470, 7090	•	•				
7475	•	•		•		
7550, DraftMaster Series	•	•	•		•	•
DraftPro Series	•		•		•	
7580, 7585, 7586	•		•		•	•

Choose the right paper and film for your pens

Use HP media for top-quality graphics. Pen life and plot quality are dependent on matching the pens with the media. Therefore, we manufacture our own pens and select our media carefully.

Using HP pens and media assures you of:

- Low abrasion paper matched to our pen tips and ink combinations for increased pen life.
- Smooth surface for consistent lines.

- Paper fiber content and type strictly specified to prevent fibers from pulling ink outside of trace.
- No watermarks on paper to interfere with pen writing.

Whether your application is drafting or business, HP has the solution you need. For your business graphics needs, try our:

- **Plotter Paper** for vivid, professional-looking graphics that will impress your clients and superiors.
- **Transparency Plotter Film** for high quality projected graphics. Excellent for use on overhead projectors at meetings and presentations.
- **Plotter Paper** that's ideal for your everyday graphics needs including preliminary drawings in drafting applications.

For your drafting applications, try our:

- **Polyester Film** for your final-quality, diazo-reproducible, and permanent storage needs.
- **Vellum** for your final-quality, diazo-reproducible needs.
- **Tracing Bond** for your preliminary drawing, and diazo-reproducible review copies.

See the difference HP paper makes

The comparison photos below were made using the American Optical System at 18.75 magnification. The plots were made on a 7470A Plotter at 20 cm/s with a .3mm blue pen. Notice how the HP paper's smooth surface enhances line definition, and minimizes skipping, bleeding and feathering.



Copier paper



HP paper

Plotter Paper

HP's strict specifications require this paper to be an opaque medium with the correct mixture of wood pulp and rag fibers. This provides the correct smoothness for clear line definition and minimizes skipping, bleeding and feathering. Use with HP paper pens, rollerball pens and disposable drafting pens. It's inexpensive, easy-to-handle and perfect for everyday use.



For automatic sheet-feed plotting, see the HP 7550A media catcher tray on page 60.

See page 62 for drafting media and pages 63-65 for drafting pens.

Media Size		Qty./pkg.	Product no.	Price
English	A	50 sheets	17800P	(1-4) ... \$ 5.50 ea.
				(5-30) ... 4.95 ea.
				(31+) ... 4.40 ea.
		250 sheets	17801P	13.00 ea.
	B	50 sheets	17804P	\$ 10.00 ea.
		250 sheets	17805P	26.00 ea.
	C	250 sheets	9280-0728	\$ 41.00 ea.
	D	200 sheets	9280-0527	\$ 60.00 ea.
	E	150 sheets	9280-0587	\$ 85.00 ea.
Metric	A4	50 sheets	17802P	\$ 5.50 ea.
		250 sheets	17803P	13.00 ea.
	A3	50 sheets	17806P	\$ 10.00 ea.
		250 sheets	17807P	26.00 ea.
	A2	250 sheets	9280-0734	\$ 41.00 ea.
	A1	200 sheets	9280-0528	\$ 60.00 ea.
	A0	150 sheets	9280-0590	\$ 85.00 ea.
Roll	24 in. x 150 ft.	1 roll	9280-0638	\$ 26.00 ea.
	36 in. x 150 ft.	1 roll	9280-0637	\$ 36.00 ea.
Architectural	Arch. C	200 sheets	9280-0754	\$ 40.00 ea.
	Arch. D*	200 sheets	9280-0759	\$ 66.00 ea.
	30 in. x 42 in.**	200 sheets	9280-0752	\$ 95.00 ea.
	Arch. E	200 sheets	9280-0751	\$124.00 ea.

*"D" size architectural media is not recommended on the DraftPro plotter with software programs that do scaling.

**HP DraftMaster Series and DraftPro EXL



Transparency Plotter Film

Make your presentations stand out from the rest with HP's eye-catching colors and transparency film. Our fast-drying film lets ink dry quickly, minimizing bleeding and smearing. Use with HP transparency plotter pens.

Plotter	Media size*	Qty./pkg.	Product no.	Price
ColorPro (7440), 7470	A English	50 sheets	17700T	(1-9) \$50.00 ea.
				(10-49) 45.00 ea.
				(50-99) 40.00 ea.
				(100-500) 37.50 ea.
				(501+) 32.50 ea.
	A4 Metric	50 sheets	17701T	(1-9) \$50.00 ea.
				(10-49) 45.00 ea.
				(50-99) 40.00 ea.
				(100-500) 37.50 ea.
				(501+) 32.50 ea.
7475, 7550, DraftMaster Series, 7090, 7220 7221, 7225, and 9872	A English	50 sheets	17702T	(1-9) \$50.00 ea.
				(10-49) 45.00 ea.
				(50-99) 40.00 ea.
				(100-500) 37.50 ea.
				(501+) 32.50 ea.
	A4 Metric	50 sheets	17703T	(1-9) \$50.00 ea.
				(10-49) 45.00 ea.
				(50-99) 40.00 ea.
				(100-500) 37.50 ea.
				(501+) 32.50 ea.



Transparency Sleeves

HP now offers sleeves for your overhead transparencies. These clear protective sleeves allow easy handling during your presentations and can be used again and again. They are three hole punched to fit neatly in a binder for easy transportation to meetings or long term storage.

Media size*	Qty./pkg.	Product no.	Price
English A	50 sheets	17710A	(1-9) \$26.00 ea.
			(10-49) 23.40 ea.
			(50-99) 20.80 ea.
			(100-500) 19.50 ea.
			(501+) 16.90 ea.

HELPFUL IDEA!

Visual presentations are always stronger

Whether you're speaking to a small or large audience, overheads take minimal time to prepare. Consider these tips when creating your next visual presentation:



- Make sure your presentation has a clear theme.
- Keep your message simple.
- Use color for special emphasis.
- Use ample slides to illustrate key points.
- Keep your formats consistent.
- Be sure everything can be easily recognized by your audience.

Glossy Plotter Paper

Impress your clients and your boss at your next meeting with reports and handouts containing high quality crisp graphics. HP's heavyweight, gloss-finish plotter paper provides the capability for producing professional looking reports. Use with HP paper pens to produce lighter shades of color and with transparency pens to produce darker shades. Use glossy plotter paper for bar code paper applications.

Media size*	Qty./pkg.	Product no.	Price
English A	100 sheets	17900G	(1-9) \$16.00 ea.
			(10+) 14.40 ea.
B	100 sheets	17902G	\$28.00 ea.
Metric A4	100 sheets	17901G	\$16.00 ea.
A3	100 sheets	17903G	\$28.00 ea.

*See media size guide on page 54 for further information.

Are your supplies where you want, when you want them?



7475A graphics organizer features an easy-access drawer with convenient slots for carousels, paper, pens and other supplies. (Supplies shown in photo are not included.)

HP plotter users: Say goodbye to desktop plotter clutter with HP's Graphics Organizer.

Space-saving. Using your Graphics Organizer as a stand for your HP 7550, 7475A, or ColorPro Plotter gives you convenient drawer space underneath, so plotter supplies stay out of sight until needed. Lined with a cushion of high-density foam, the easy-access drawer has specially sized compartments to separate and protect supplies.

Everything in place. The specially designed media compartment keeps your standard paper, glossy plotter paper, and transparency film ready for use. Additional compartments hold your pens and carousels. There's even room for odds and ends—pencils, paper clips, scratch pads, etc.

HP's Graphics Organizer is constructed of tough acrylic plastic, in translucent gray to complement your HP plotter.

92177X 7475A Graphics Organizer. Exterior dimensions: 95 H x 597 W x 375 D mm (3.75 H x 23.5 W x 14.75 D in.) \$179.00 ea.

92177W ColorPro Graphics Organizer. Exterior dimensions: 95 H x 476 W x 349 D mm (3.75 H x 18.75 W x 13.75 D in.) \$119.00 ea.

92177Y 7550A Graphics Organizer. Exterior dimensions: 157 H x 673 W x 456 D mm (6.19 H x 26.50 W x 17.94 D in.) \$229.00 ea.



Our jumbo Cabinet easily holds a large printer or plotter, plus supplies



Our large Printer/Plotter cabinet is designed to accommodate an HP PaintJet XL Printer or 7550A 8-Pen Plotter—with room to spare. Its spacious interior provides for plenty of uncluttered storage of several reams of paper, pen carousels, fonts, film, manuals and more.

One wide interior shelf adjusts in five-inch increments so you can customize the storage space to suit today's requirements or alter it to fit tomorrow's needs. And your supplies are easily accessed by swinging wide two side-hinged doors.

Constructed of sturdy sheet metal, the cabinet is a complete printing or plotting center that blends beautifully with any office decor. It sits level with Design Plus tables, cabinets and stands. And, with its heavy-duty, self-locking casters, it can go anywhere at a moment's notice. Plus it comes fully assembled so it's ready to start organizing right away. Exterior Dimensions are 720 H x 762 W x 711 D mm (28.4 H x 30 W x 28 D in.)

922140 Large Printer/Plotter Cabinet
(1-2) \$280.00 ea.
(3+) 260.00 ea.



Keep everything you need for printing or plotting neatly organized and readily available in this sturdy cabinet.

Lower the lid on plotter noise!

Reduce the sound of your HP 7470, 7475 or ColorPro Plotter 90 percent with this attractive Sound Enclosure.

It's constructed of sound-reducing particle board, with foam lining to absorb vibrations. A durable acrylic lid is attached by spring-loaded hinges for effortless opening and closing.

You'll love how it looks with your HP equipment and Design Plus furniture. Slip a 92177W or 92177X Graphics Organizer underneath for additional convenience.

Enclosure measures 291 H x 648 W x 486 D mm (11.4 H x 25.5 W x 19.1 D in.); stand measures 100mm (3.9 in.) H.

92166L Plotter Sound Enclosure \$210.00 ea.



Spend your time plotting, not looking for pens!

Space-saving pen organizer for your desk

Our new personal pen organizer keeps your plotter pens organized and within easy reach. Made of smoked acrylic, this organizer looks attractive on your desk and also fits conveniently in a desk drawer.

Up to 33 paper writing pens, overhead transparency pens or short-body drafting pens are stored vertically for easy identification. Take advantage of our quantity discounts and order a personal pen organizer for every plotter user in your office.

92177V Personal pen organizer

(1-2)	\$34.75 ea.
(3-9)	31.75 ea.
(10+)	29.50 ea.



HP's 6-inch diameter modular workstation organizer stores up to 30 plotter pens—60 when stacked!

Space-saving pen organizers for your graphics workstation

Now—an elegant, yet practical solution for plotter pen storage. Our 6-inch (15 cm) diameter modular pen organizer stores up to 30 pens—60 when stacked.

As you add pens—fiber-tip, drafting, or rollerball—the modular units can be stacked to save valuable desktop space. And custom labels, with HP's international pen symbols, allow you to quickly identify the contents.

We offer two sizes (for short and long plotter pens), which can be mixed and matched according to your needs.

Pens are stored vertically for easy reach and are held securely by high-density foam. Made of sturdy acrylic plastic, the pen organizers are an attractive addition to any office setting.

92177T Short organizer

(1)	\$43.75 ea.
(2-3)	39.75 ea.
(4+)	37.25 ea.

92177U Long organizer

(1)	\$46.75 ea.
(2-3)	43.50 ea.
(4+)	41.25 ea.

7550A and 7550 PLUS Media handling accessories

For use with HP's 7550A and 7550 PLUS Graphics Plotters—the automatic sheet feed plotter for unattended operation of cut paper sheets. The 7550A trays are Dove Gray and the 7550 PLUS trays are Parchment White.

Description	Product no. (For 7550A)	Product no. (For 7550 PLUS)	Price
A-size media loading tray	17561A	17076A	\$110.00 ea.
A4-size media loading tray	17562A	17077A	\$110.00 ea.
A/A4-size media catcher tray	17563A	17080A	\$ 35.00 ea.
B-size media loading tray	17564A	17078A	\$121.00 ea.
A3-size media loading tray	17565A	17079A	\$121.00 ea.
B/A3-size media catcher tray	17566A	17081A	\$ 46.00 ea.
B-size media handling kit B-size media loading tray, B/A3 media catcher tray, and B-size plotter paper, 50 sheets	17525A	17092A	\$176.00 ea.
A3-size media handling kit A3-size media loading tray, A3/B media catcher tray, and A3-size plotter paper, 50 sheets	17526A	17093A	\$176.00 ea.



Enhance your graphics workstation with HP plotter accessories

Graphics accessories

Item	Plotter	Description	Product no.	Price
Adapters	7550, DraftPro Series, DraftMaster Series, 7580, 7585, 7586	Reusable adapter and pen cap assemblies (4 of each/pkg.)	5061-7578	\$ 8.00/pkg.
Carousels	7090	Fiber-tip pen carousel (paper and transparency)	5061-5080	\$40.00 ea.
	ColorPro (7440)	Fiber-tip pen carousel (paper and transparency)	07440-60085	\$24.00 ea.
	7475	Fiber-tip pen carousel (paper and transparency)	5061-5080	\$40.00 ea.
		Refillable drafting pen carousel	07475-60030	40.00 ea.
	7550	Fiber-tip transparency pen carousel	07550-60050	\$55.00 ea.
		Fiber-tip paper pen carousel	07550-60051	55.00 ea.
		Rollerball pen carousel	07550-60052	55.00 ea.
		Refillable/disposable drafting pen carousel	07550-60053	55.00 ea.
	DraftPro Series	Fiber-tip paper pen carousel	07570-60050	\$60.00 ea.
		Refillable/disposable drafting pen carousel	07570-60055	60.00 ea.
	DraftMaster Series	Adjustable pen carousel	5062-1576	\$95.00 ea.
	7580, 7585, 7586	Fiber-tip paper pen carousel	07580-60035	\$70.00 ea.
		Refillable/disposable drafting pen carousel	07580-60081	70.00 ea.
		Rollerball pen carousel	07580-60082	70.00 ea.
		Disposable drafting pen carousel, Serial No. Prefix 2444 or higher	07580-60240	70.00 ea.
Cleaning supplies	7475, 7550, DraftPro Series, DraftMaster, 7580, 7585, 7586	Gritwheel brush	5062-1515	\$ 8.00 ea.
	For use with refillable drafting pens	Cleaning syringe	9282-0905	\$12.00 ea.
		Cleaning solution	9282-0908	6.50 ea.
Digitizing sights	For use with all HP plotters (with the exception of ColorPro)	Straight sight	09872-60066	\$50.00 ea.
	DraftPro Series, 7580, 7585, 7586	Angled view sight	07585-60191	80.00 ea.
Drafting ink	7475, 7550, DraftPro Series, DraftMaster Series, 7580, 7585, 7586	.75 oz. bottle, black	9260-0596	\$ 2.50 ea.
Media cutter	DraftMaster Series, 7600 Models 250, 255, 355	Media cutter for roll paper (5/box)	07596-60008	\$10.50/box
Overlays	17623A Graphics tablet	Overlay	4114-1033	\$ 9.25 ea.
	9111A/T Graphics tablet	Overlays (3/pkg.)	7121-0988	\$39.00/pkg.
Paper, Blank roll	7220/21, 9872S/T only	297mm x 61m roll (metric)	9280-0619	\$22.00 ea.
		11 in. x 200 ft. roll (english)	9280-0618	22.00 ea.
Paper writing pens	7200-7203, 7210, 9125, 9862	Single color pens, 5 per package		
		Red,	5081-1190	\$ 6.50/pkg.
		Blue,	5081-1191	6.50/pkg.
		Green,	5081-1192	6.50/pkg.
		Black	5081-1193	6.50/pkg.
Print heads	7240, 7245	Thermal print head	07245-60001	\$85.00 ea.
Printer/Plotter power modules	ColorPro (7440), 3630A PaintJet, 2227A/B QuietJet Plus, 2228A QuietJet printers and 2276A DeskJet printer	External power module, U.S./Canada, 120V/50/60Hz	17122B	\$66.00 ea.
		External power module, European, 220V/50Hz (Call for other international versions.)	17222B	66.00 ea.
Replacement boots	7475	Boots for refillable drafting pen carousels (6/pkg.)	07475-60038	\$ 8.75/pkg.
	7220, 7221, 9872	Boots for short-body drafting pens (2/pkg.)	9300-0967	\$ 6.25/pkg.
	7550, DraftMaster Series	Boots for fiber-tip and rollerball pen carousels (8/pkg.)	5061-7635	\$ 9.00/pkg.
		Boots for drafting pen carousels (8/pkg.)	5061-7636	9.00/pkg.
	7580, 7585, 7586	Boots for fiber-tip and rollerball pen carousels (8/pkg.)	5062-0098	\$ 9.00/pkg.
		Boots for drafting pen carousels (8/pkg.)	5062-0099	9.00/pkg.
	DraftPro Series, ColorPro, 7475A	Boots for fiber-tip pen carousels (8/pkg.)	5062-0096	\$ 9.00/pkg.
		Boots for drafting pen carousels (8/pkg.)	5062-0097	9.00/pkg.
Stand	ColorPro, 7470A	Acrylic desktop stand to store paper underneath your plotter. (See page 121 for details)	92269A	\$79.00 ea.
Styli	17623A, 9111A/T	Stylus refills (2 inkless, 3 ink cartridges)	09111-68701	\$ 9.50 ea.
Take-up cores	7586, DraftMaster II, RX, MX	609.6mm (24 in.)	9300-1068	\$ 2.00 ea.
		914.4mm (36 in.)	9300-1069	3.00 ea.

See pages 124-125
for dust covers and carrying cases.

See pages 29-31 for peripheral sharing devices to allow many users to share one plotter.

HP drafting media—quality you can trust!

Tracing Bond

This lightweight Tracing Bond performs at its best when used with rollerball pens.

Tracing Bond is an uncoated, untreated and economical alternative to vellum. Use it when you need:

- Fast plotting capability of rollerballs (60cm/sec)
- Consistent line width
- Diazo-reproducible plots
- Low-abrasion media
- Check plots and preliminary drawings, not for high quality final plots

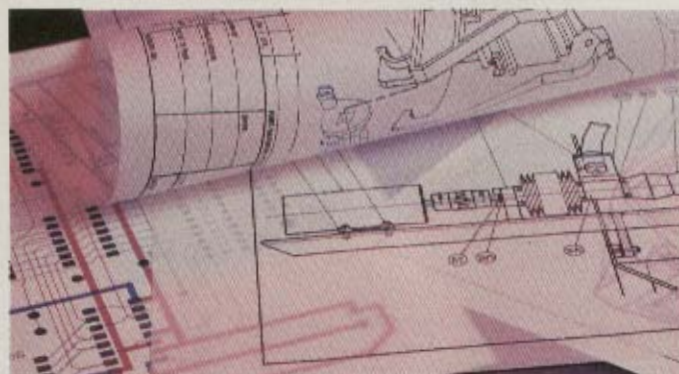
Media Size	Qty./pkg.	Product no.	Price
English	D	150 sheets	9280-0600 \$100.00 ea.
	E	150 sheets	9280-0598 \$190.00 ea.
Metric	A1	150 sheets	9280-0599 \$100.00 ea.
	A0	150 sheets	9280-0597 \$190.00 ea.

Vellum

This 100% rag vellum provides optimum performance with refillable and disposable drafting-style pens.

HP vellum has a surface coating for increased smoothness and ink receptivity. It is also treated to add strength and transparency. Use this vellum when you need:

- Relatively permanent documents
- Less expensive media than polyester film
- Diazo reproducible media



Media Size	Qty./pkg.	Product no.	Price
English	A	150 sheets	9280-0601 \$ 17.00 ea.
	B	150 sheets	9280-0602 \$ 30.00 ea.
	C	250 sheets	9280-0731 \$ 85.00 ea.
	D	150 sheets	9280-0529 \$130.00 ea.
	E	150 sheets	9280-0593 \$200.00 ea.
Metric	A4	150 sheets	9280-0603 \$ 17.00 ea.
	A3	150 sheets	9280-0604 \$ 30.00 ea.
	A2	250 sheets	9280-0733 \$ 85.00 ea.
	A1	150 sheets	9280-0530 \$130.00 ea.
	A0	150 sheets	9280-0594 \$200.00 ea.
Roll	24in. x 150ft.	1 roll	9280-0635 \$ 57.00 ea.
	36in. x 150ft.	1 roll	9280-0636 \$ 75.00 ea.
Architectural	Arch. C	150 sheets	9280-0753 \$ 76.00 ea.
	Arch. D*	150 sheets	9280-0756 \$143.00 ea.
	—	150 sheets	9280-0749 \$190.00 ea.
	Arch. E	150 sheets	9280-0750 \$264.00 ea.

Polyester film

HP's double-matte, 3-mil film was specifically chosen to provide optimum performance when used with HP's refillable and disposable drafting pens.

This finely coated, translucent media minimizes pen and machine wear and maximizes line quality. Use this film when you need:

- Dimensionally stable media
- Close tolerance, high-accuracy plots
- Camera-ready art
- Master copies which will be handled repeatedly
- Media that will not tear, crack, peel or fade under normal use
- Clear and sharp quality reproductions
- Plots with distinct continuous lines and virtually no beading, bleeding or feathering

Media Size	Qty./pkg.	Product no.	Price
English	A	50 sheets	9280-0605 \$ 20.00 ea.
	B	50 sheets	9280-0607 \$ 32.00 ea.
	C	100 sheets	9280-0732 \$110.00 ea.
	D	50 sheets	9280-0526 \$122.00 ea.
	E	50 sheets	9280-0591 \$220.00 ea.
Metric	A4	50 sheets	9280-0608 \$ 20.00 ea.
	A3	50 sheets	9280-0606 \$ 32.00 ea.
	A2	100 sheets	9280-0730 \$110.00 ea.
	A1	50 sheets	9280-0525 \$122.00 ea.
	A0	50 sheets	9280-0592 \$220.00 ea.
Roll	24in. x 150ft	1 roll	9280-0634 \$130.00 ea.
	36in. x 150ft	1 roll	9280-0633 \$182.00 ea.
Architectural	Arch. C	50 sheets	9280-0758 \$ 69.00 ea.
	Arch. D*	50 sheets	9280-0757 \$135.00 ea.
	30 in. x 42 in.	50 sheets	9280-0748 \$200.00 ea.
	Arch. E	50 sheets	9280-0755 \$250.00 ea.

HELPFUL IDEAS!

Reduce static buildup on drafting film. Statically charged film attracts dust particles which clog pen tips and cause ink blots. To reduce the problem, lower the pen speed, increase the humidity around the plotter, or use vellum for your draft copies.

* D*-size architectural media is not recommended on the DraftPro plotter with software programs that do scaling.

For additional plotter media, see page 57.

Our new HP SurePlot pens owe their unique design to you, our customers!



SurePlot's exclusive "unibody" design doesn't require an adapter, assembly or special storage. And its rounded ceramic tip glides more smoothly over paper to prevent clogging!

Yes. We listen to what our customers tell us . . . and we take it seriously. When you asked for a completely reliable, easy-to-use drafting pen that doesn't leak or clog, we went right to work. The result of months of HP's superior engineering and testing is a revolutionary new pen design that eliminates plotting headaches! You won't have to worry about HP SurePlot pens leaking or clogging. And they're the easiest of all drafting pens to use. You can use them for both final plots and checkplots and get terrific results every time!

SurePlot pens owe their reliable performance to their new ink regulator and tip design

Our engineers designed the new ink regulator to assure smooth, controlled ink flow without leaking. No more time and media wasted because of runaway ink!

SurePlot's new tip design includes a ceramic point that won't clog. Instead of tearing off paper fibers as it plots, the new ceramic tip glides more smoothly over the paper. You'll get great results without skips and blobs.

New high-performance design

Unlike other disposable pens, there's no assembly required with SurePlot. The pen consists of one body that includes a built-in adapter and tip. You'll save time and the extra cost of adapters!

HP SurePlot pens are completely maintenance-free

Thanks to their "unibody" design, there's no special storage or cleaning required. While other pens need to be stored upside down with their caps on, SurePlot pens can stay in the carousel for one week. Or you can store them capped in any position, anywhere, for any length of time.

Create eye-catching, brilliant plots that draw raves every time

We've improved the colors of our SurePlot pens, too! Now you can create dazzling plots in eight vibrant colors. Our specially formulated inks produce brighter, more intense colors than ever before—redder reds, truer blues and darker, denser blacks.

See page 64 for ordering information

You can count on HP SurePlot drafting pens to perform brilliantly giving you vibrant colors that jump off the page. With HP SurePlot pens, the quality speaks for itself!

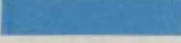
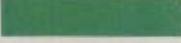
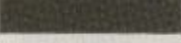
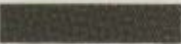
HP SurePlot Drafting Pens are real timesavers!



When you're ready to use HP SurePlot drafting pens, they're ready too. Just remove the caps and load them into your plotter's carousel for sharp, consistent performance. SurePlot pens are designed for use with the HP 7550A, 7550 PLUS, DraftPro Series, DraftMaster Series and 758X plotters.

SurePlot comes in four line widths and eight brilliant colors for both vellum and paper. And they're all in stock and ready to ship. Just call HP DIRECT and order a variety of each to keep on hand for all your plotting needs.

Vellum/Paper SurePlot and Polyester Film Disposable drafting pens

Pen Style	Point Size	Single-Color Pkg.	Multi-Color Pkg.	Price
Vellum/Paper SurePlot Drafting Pens (4 pens/pkg.)	.25mm (V.25)	 17762V (Black)	 17932V (Blue/Red/Green/Black) 17942V (Orange/Yellow/Brown/Violet)	\$22.00 ea. \$22.00 ea.
	.35mm (V.35)	 17763V (Black)	 17933V (Blue/Red/Green/Black) 17943V (Orange/Yellow/Brown/Violet)	\$22.00 ea. \$22.00 ea.
		 17773V (Blue)		\$22.00 ea.
		 17783V (Green)		\$22.00 ea.
		 17793V (Red)		\$22.00 ea.
	.50mm (V.50)	 17764V (Black)	 17934V (Blue/Red/Green/Black) 17944V (Orange/Yellow/Brown/Violet)	\$22.00 ea. \$22.00 ea.
	.70mm (V.70)	 17765V (Black)	 17935V (Blue/Red/Green/Black) 17945V (Orange/Yellow/Brown/Violet)	\$22.00 ea. \$22.00 ea.
	.25mm .35mm .50mm .70mm	 17760V (Black)		\$22.00 ea.
Polyester Film Disposable Pens (2 pens/pkg.)	.25mm (F.25)	 5062-1592* (Black)		\$22.00 ea.
	.35mm (F.35)	 5062-1593* (Black)		\$22.00 ea.
	.50mm (F.50)	 5062-1594* (Black)		\$22.00 ea.
	.70mm (F.70)	 5062-1595* (Black)		\$22.00 ea.

Note: Line width may vary depending on media, ink and plotting speed.
Call for quantity break prices on these products.

*These are not SurePlot-design pens; they require reusable adapter (5061-7578) for operation. See page 61.

Long body drafting pen comparison guide

Use the guide below to select the long body drafting pen features best suited for your application.

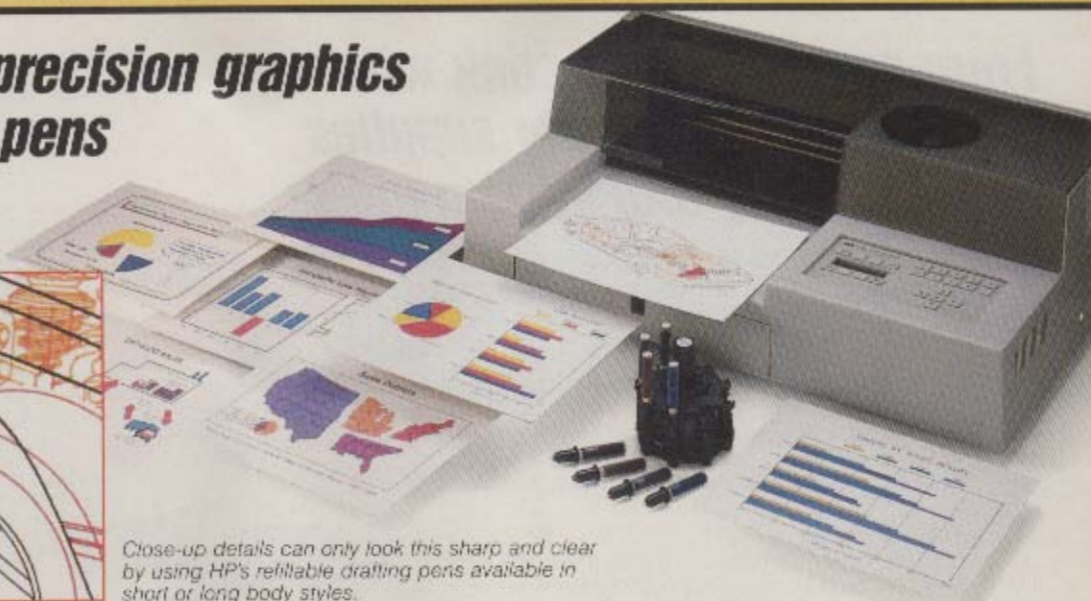
Plotter	Drafting pen	Paper	Media		Recommended plotting speed	Available line widths	Pen cleaning required
			Vellum	Polyester Film			
7550/DraftPro	Disposable	•	•	•	20cm/sec.	4	No
758X*/DraftMaster Series	Disposable	•	•	•	30cm/sec.	4	No
7550/758X*/DraftPro Series	Refillable		•	•	15cm/sec.	6	Yes
DraftMaster Series	Refillable		•	•	30cm/sec.	6	Yes

*Includes HP 7580A/B, HP 7585A/B, and HP 7586B Drafting Plotters.

Plot detailed, precision graphics with refillable pens



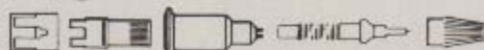
Close-up details can only look this sharp and clear by using HP's refillable drafting pens available in short or long body styles.



Refillable drafting pens



Refillable drafting pens—short body



5061-8119 Drafting pen, short body. For use with HP 7220, 7221 and 9872 Plotters with plotter points listed at right. For HP 7475 Plotter, use 9300-0957, 9300-0958, 9300-0959 only. Two pen bodies, adapters, caps per package.

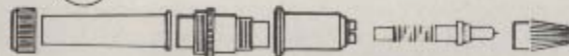
Price \$18.00 pkg.

Plotter points (tungsten), use with short body drafting pen. Line width may vary depending on media, ink, and plotting speed. Fine-line point sizes .18 mm and .25 mm require more cleaning and care than wider point sizes and therefore are not recommended for general use.

Product no.	Point size	Price
9300-0955	.18 mm	\$32.00 ea.
9300-0956	.25 mm	29.00 ea.
9300-0957	.35 mm	25.00 ea.
9300-0958	.50 mm	25.00 ea.
9300-0959	.70 mm	25.00 ea.
9300-0960	1.00 mm	25.00 ea.



Refillable drafting pens—long body



07580-60025 Drafting pen, long body. For use with your HP 7550, DraftPro, DraftMaster, 7580, 7585, and 7586 Graphics Plotters with plotter points listed at right. One pen body, adapter, cap per package.

Price \$10.50 pkg.

Plotter points (tungsten), use with long body drafting pen. Line width may vary depending on media, ink, and plotting speed. Fine line point sizes .18 mm and .25 mm require more cleaning and care than wider point sizes and therefore are not recommended for general use.

Product no.	Point size	Price
9260-0742	.18 mm	\$32.00 ea.
9260-0741	.25 mm	29.00 ea.
9260-0588	.35 mm	25.00 ea.
9260-0744	.50 mm	25.00 ea.
9260-0579	.70 mm	25.00 ea.
9260-0743	1.00 mm	25.00 ea.



Plot fast drafts with our Rollerball pens



Our Rollerball pens have been designed to stay smooth, produce uniform lines and to allow ink to flow easily. Result? Cleaner drawings, without wasteful skipping—plot unattended with confidence! And as always, our Rollerballs deliver fast, 110 centimeter-per-second plots.

Use Rollerball pens with HP 7550, 7580, 7585, 7586 and HP DraftMaster Plotters. We recommend HP Blank Plotter Paper for single copies, and HP Tracing Bond for diazo-reproducible check plots or draft-quality drawings (see pages 57 and 62).

Rollerball pens



(4 pens/pkg)



Narrow line width (.3mm)

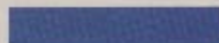
Single-color pen packages

Product no.

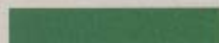
5061-5034 (Red)



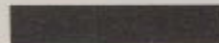
5061-5036 (Blue)



5061-5035 (Green)



5061-5033 (Black)



Multi-color pen packages

Product no.

5061-5037 (red, blue, green and black)

(1-4 pkgs) \$14.00 pkg.
(5+) 13.00 pkg.

Price breaks apply to purchase of single part numbers only.

From paper to toner, stick with HP Electrostatic Plotter supplies for top-quality CAD system plots

There's more to a quality plot than 406-dots-per-inch resolution. The behind-the-scenes heroes are HP certified supplies.

Media

We carefully monitor all aspects of our media including: the smoothness of the surface and uniformity of paper coatings. From Report grade paper to Polyester film, we engineer a variety of media to meet every need. Plus, we package them in single rolls and seal the ends with plastic caps to protect the edges.

Toner and Clear Dispersant

Our special blend of polymers and resins produces clear, sharp, smudge-resistant plots. For color plotters, we offer four precisely formulated toners which combine to create thousands of shades of colors for top-quality results. And our clear dispersant flushes your toner system thoroughly which helps your output look its best plot after plot.

Maintenance Supplies

Our environmentally safe premoistened wipes leave no residue. And our low-abrasion writing head polish won't scratch the writing head surface. Just slip on our cleaning gloves, grab our lint-free cleaning wipes and you're ready to go!



Keep your plots looking sharp with these time-saving supplies!

Use our clear dispersant to flush your toner system thoroughly between plots to keep your output looking its best plot after plot.

172790 Clear Dispersant, 5 liter (1.3 gal) bottle	
(1-5)	\$50.00 ea.
(6-19)	47.50 ea.
(20+)	45.00 ea.

To neatly trim your plotter paper, use our Media Cutter. It comes complete with a metal handle and retractable blade.

17291C Media Cutter	
(1-4)	\$8.00 ea.
(5+)	7.00 ea.



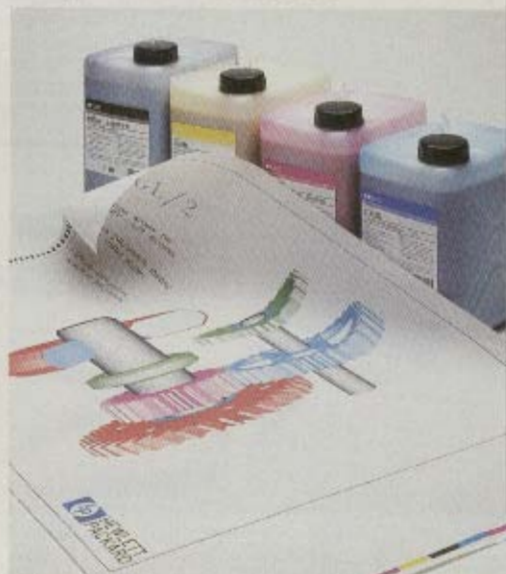
Get dramatic plots on your Color Electrostatic Plotter with HP's high-quality color toners!

Use these toners to create the best plots possible with your HP Color Electrostatic Plotter. The Cyan, Magenta, Yellow and Black toners combine to create thousands shades of colors, enhancing the quality of your plots.

The brilliant, colorful images produced will add impact to your presentations, and make the information contained on your plots easier to understand. These toners together with the electrostatic media produce durable plots, ideal for use in the field or long-term archiving.

Designed specifically for use with your Color Electrostatic Plotter, HP's high-quality toners can be a key factor in avoiding downtime and expensive repairs. Get the dramatic plots your plotter was designed to create, while taking the best care of your equipment. Order these high-grade toners today, 5 liter (1.3 gal.) bottles.

17242C Cyan Toner	
17243M Magenta Toner	
17244Y Yellow Toner	
(1-5)	\$75.00 ea.
(6-19)	71.00 ea.
(20+)	67.00 ea.
17278A Black Toner	
(1-5)	\$55.00 ea.
(6-19)	52.00 ea.
(20+)	50.00 ea.



When used together, the Cyan, Magenta, Yellow and Black Toners produce thousands of eye-catching colors.

Electrostatic Plotter Media

Description	Roll size	Product number	Price
Report grade This economical opaque paper is perfect for everyday use. Ideal for line drawings, check plots or working copy with good line quality. Best for monochrome plotting.	609mm (24 in.) x 152.4m (500 ft.)	17265R	(1-10) \$46.00 ea. (11+) 40.00 ea.
	914mm (36 in.) x 152.4m (500 ft.)	17266R	(1-10) \$68.00 ea. (11+) 61.90 ea.
Premium grade This is what you need when the job calls for superior line quality, solid area fill and dense, dark output in low humidity environments.	609mm (24 in.) x 152.4m (500 ft.)	17275P	(1-10) \$70.00 ea. (11+) 66.50 ea.
	914mm (36 in.) x 152.4m (500 ft.)	17276P	(1-10) \$99.00 ea. (11+) 94.10 ea.
Vellum Final drawings, overlays, archival drawings and diazo reproductions never looked as good as they do on this rich, durable stock.	609mm (24 in.) x 152.4m (500 ft.)	17269V	(1-10) \$213.00 ea. (11+) 202.40 ea.
	914mm (36 in.) x 152.4m (500 ft.)	17270V	(1-10) \$320.00 ea. (11+) 304.00 ea.
Translucent Translucent paper is excellent for general purpose plotting. The superior translucency and handling characteristics of this media makes it suitable for diazo reproductions and overlays. It is also an economical alternative to vellum for day to day work. Best for monochrome plotting.	609mm (24 in.) x 152.4m (500 ft.)	17267T	(1-10) \$116.00 ea. (11+) 110.00 ea.
	914mm (36 in.) x 152.4m (500 ft.)	17268T	(1-10) \$174.00 ea. (11+) 165.00 ea.
Polyester Film Polyester film is a dimensionally stable media perfect for your highest-quality drawings and diazo reproductions. With this sturdy 4 mil media, you'll get sharp, clear output. And you can choose matte film for final archive drawings or clear film for overlays.	Monochrome clear film	609mm (24 in.) x 61m (200 ft.)	17273F (1-10) \$443.00 ea. (11+) 421.00 ea.
		914mm (36 in.) x 61m (200 ft.)	17274F (1-10) \$546.00 ea. (11+) 519.00 ea.
	Monochrome matte film	609mm (24 in.) x 61m (200 ft.)	17271F (1-10) \$523.00 ea. (11+) 497.00 ea.
		914mm (36 in.) x 61m (200 ft.) <i>new!</i>	17283F* (1-10) \$653.00 ea. (11+) 620.00 ea.
	Color clear film	914mm (36 in.) x 61m (200 ft.) <i>new!</i>	17284F (1-10) \$546.00 ea. (11+) 519.00 ea.
	Color matte film	914mm (36 in.) x 61m (200 ft.) <i>new!</i>	17283F* (1-10) \$653.00 ea. (11+) 620.00 ea.

*17283F can be used on both color and monochrome plotters.

Now maintenance is no longer a chore!

We've taken the drudgery out of maintaining your equipment. Supplies like writing head cleaner and polish, premoistened and cleaning wipes, and cleaning gloves make upkeep a snap!

92281B Writing Head Cleaning Solution*
12 oz. bottle \$14.00 ea.

17290P Writing Head Polish
253ml (8 oz.) can \$10.00 ea.

92193N Premoistened Wipes
(Box of 80) \$24.00 ea.

92193W Cleaning Wipes
One bag of 100 \$12.00 ea.

92193G Cleaning Gloves
25 pairs per bag \$29.00 ea.

*Not intended for use on plastic, rubber or vacuum column surfaces.

HELPFUL IDEA!

How to clean and polish your writing head

Failure to polish and clean your writing head on a regular basis can result in poor image quality and damage to your writing head. Here are some easy cleaning tips that make maintenance a snap!

• Cleaning the writing head

Use HP's lint-free wipes and rub gently across the head. If dust, toner or other matter are stuck to the surface, use HP head cleaner or premoistened wipes.

• Polishing the writing head

Apply HP's head polish to a lint-free cloth and polish the length of the writing head as if you were sanding it. When the polish is absorbed, use a new clean wipe to catch any leftover residue.



LANs & Cables



HP-IB cables...an example of Hewlett-Packard's leadership role in developing the world instrumentation interface standard. We offer an extensive range of cables for applications of all types. Check our cable charts in this section—they make ordering easy.

Local Area Networks	8, 69-73
StarLAN.....	70-71
ThinLAN	72
ThickLAN	73
Cable accessories	74-75
HP-IB cables	76
Extension cables	77
PC cables	78-80
Printer cables	81-83
Plotter cables	83-84
Terminal cables	85
Computer cables.....	86

Share information and resources quickly, efficiently and economically with Hewlett-Packard LANs

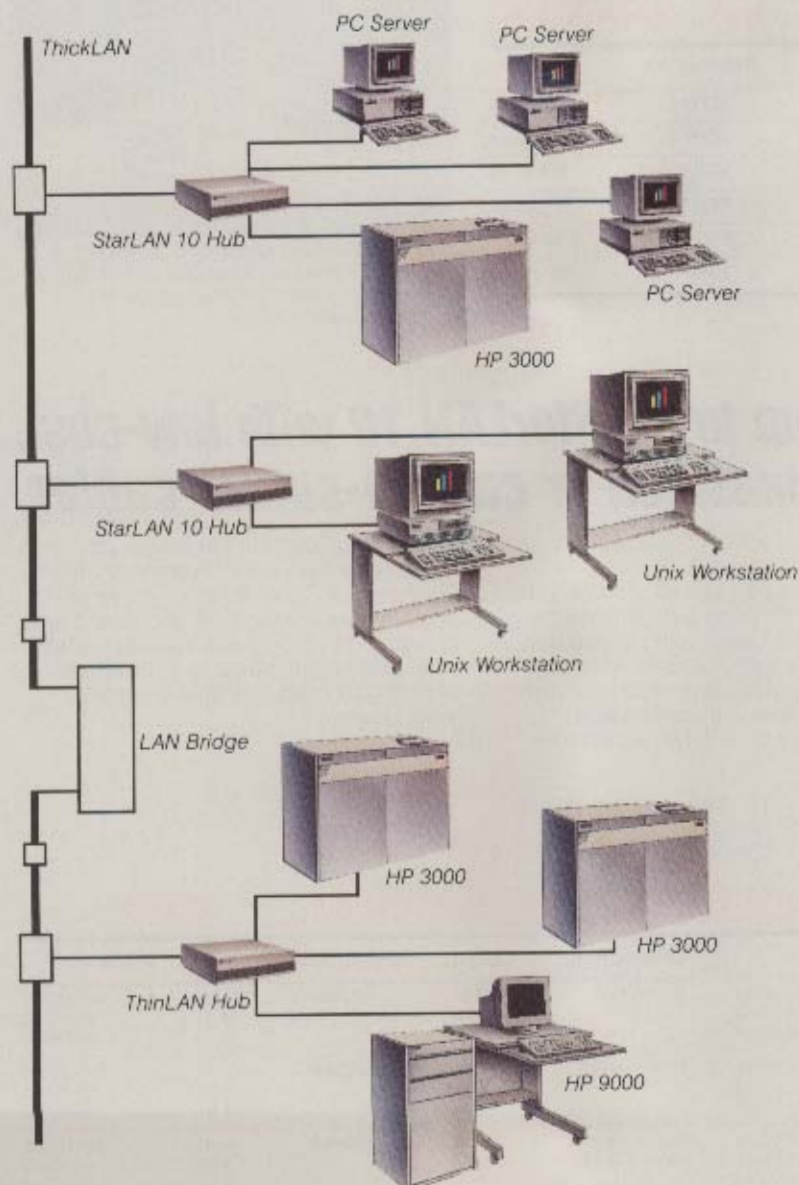
You work more productively when you can get the information you need, when you need it.

HP offers a means on doing just that: different Local Area Network (LAN) solutions that help you enjoy immediate access to centralized data and shared peripherals. At the same time, our LANs enable others to access your data files.

They're designed to accommodate specific layouts and specialized needs of office environments. For example, HP StarLAN 10 is the most efficient configuration for engineering and business offices. Getting hooked up is as easy as plugging into a telephone jack, and changes can be made without disrupting the entire network.

If you're networking computer centers where one flexible coaxial cable can be used to link adjoining systems on a floor, HP ThinLAN is ideal. Each coaxial cable segment can support up to 185 meters and may be extended with the use of HP bridges or HP multi-repeaters. And all HP LANs meet IEEE 802.3 industry standards for hardware networking.

Read on for cables, tools and connectors specifically designed for HP LANs. For the latest LAN software, interface controllers and planning information, consult your HP Sales Representative.



Run a better business office

HP StarLAN 10 utilizes convenient unshielded twisted-pair wiring to connect PC workstations, so users can share data files stored on HP 3000, 9000 and 1000 Computers, as well as peripherals located in a computer center.

Enhance engineering efficiency

HP StarLAN 10 also allows you to connect multiple engineering workstations, including UNIX-based work groups. These network users can access computer center host systems, utilizing larger information files generated by other engineering or manufacturing groups.

Simplify computer center wiring

HP ThinLAN is a convenient alternative to HP ThickLAN for interconnecting multiple system computers such as HP 1000, 9000 and HP 3000 computers, as well as technical peripherals.

Got an HP EtherTwist LAN? Our troubleshooting kit and cables are all you need for fast, foolproof maintenance

When it's time to troubleshoot your HP EtherTwist LAN, our Troubleshooting Kit will save you time in isolating problems.

Custom-designed for your HP EtherTwist LAN, the Troubleshooting Kit bundles the five loopback connectors required for diagnostic testing.

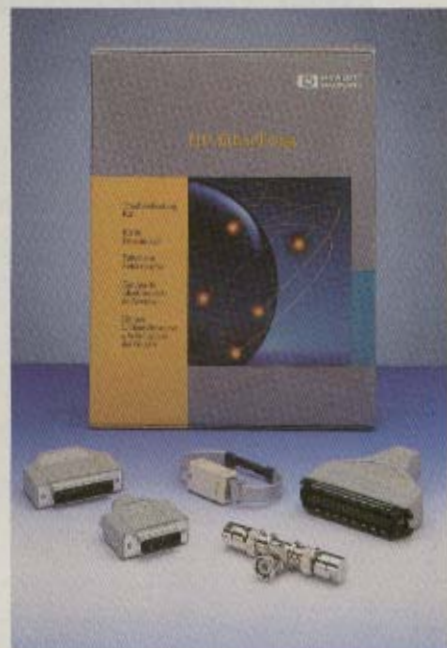
Just plug them into the appropriate ports on your HP EtherTwist LAN hub and PC adapter card, and then follow the testing instructions in your HP EtherTwist manual.

The all-in-one solution . . . only from HP The 5-in-1 kit includes an RS-232 loopback, RJ-45 loopback, 50-pin loopback, AUI

loopback and BNC T with terminators. It's the only kit to combine the exact connectors you need for the job. And because each connector is designed and tested by HP specifically for your HP EtherTwist LAN, you'll get diagnostic readings you know you can trust.

Although your LAN will normally run trouble free, order your HP EtherTwist Troubleshooting Kit today and keep it on hand. Then, when you need it . . . you'll be ready to go.

28689A HP EtherTwist Troubleshooting Kit \$149.00 ea.

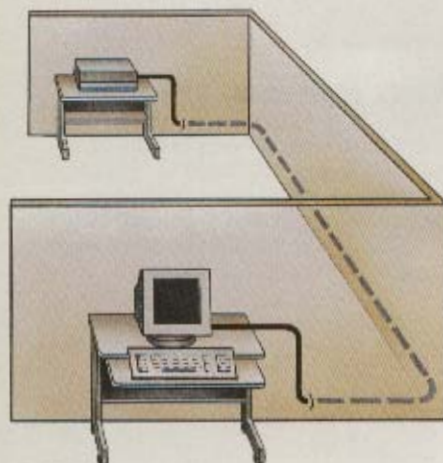


The HP EtherTwist Kit contains five custom-designed, HP-tested loopback connectors—just what you need for testing your HP EtherTwist LAN.

HP EtherTwist LAN Cables

Description	Connector Type	Length	Product no.	Price*
25-pair cable	Male ends/50 pin	1.5m (5.0 ft.)	92214R	\$19.00 ea.
25-pair cable	Male ends/50 pin	3.0m (10.0 ft.)	92214S	\$21.00 ea.
25-pair cable	Male ends/50 pin	7.5m (25.0 ft.)	92214T	\$28.00 ea.
Coax cable with T	Male ends/Coax	.5m (20.0 in.)	92214U	\$37.00 ea.
Crossover cable	Male ends/RJ-45	.2m (8 in.)	92214W	\$9.00 ea.
AUI cable	Male ends/AUI	1.0m (3.3 ft.)	92264D	\$35.00 ea.

*Additional quantity price breaks available when ordering the same connector type.



Link up to HP StarLAN 10 with low-cost, pre-measured or custom-cut HP cables

HP DIRECT is your HP StarLAN 10 cables headquarters!

Our twisted-pair cables are designed to connect HP Computers, HP Vectra PCs, IBM® PCs, and both HP and non-HP peripherals to your StarLAN hub.

Customize your network to your workplace easily with our unterminated cables. They come in two convenient

sizes so you can cut the length you need.

Set up a StarLAN conveniently with our Twisted-pair Cable Adapter. It has an 8-pin modular connector at one end and a 6-pin RJ11 plug that's compatible with standard telephone jacks at the other. (NOTE: Connect only to unused telephone wiring.)

HP's unterminated cables can be cut to suit any StarLAN 10 configuration and pulled easily through conduits.

StarLAN cables

Description	Length	Product no.	Price	Description	Length	Product no.	Price
Terminated	4m (13.1 ft.)	92268A	(1-4) \$10.00 ea. (5-8) 9.00 ea. (9+) 8.00 ea.	Terminated	32m (105.0 ft.)	92268D	(1-4) \$22.00 ea. (5-8) 21.00 ea. (9+) 20.00 ea.
Terminated	8m (25.2 ft.)	92268B	(1-4) \$12.00 ea. (5-8) 11.00 ea. (9+) 10.00 ea.	Unterminated	300m (984 ft.)	92268N	(1-4) \$70.00 ea. (5-8) 60.00 ea. (9+) 52.00 ea.
Terminated	16m (52.5 ft.)	92268C	(1-4) 14.00 ea. (5-8) 13.00 ea. (9+) 12.00 ea.	6- to 8-pin cable adapter	3m (9.9 ft.)	92268S	(1-4) \$16.50 ea. (5-8) 14.50 ea. (9+) 13.50 ea.

Use these tools for quick cable assembly



Rely on this tool set to securely and permanently crimp 8-pin modular plugs to our 92268M/N unterminated cables. Cable cutter included.

92268T StarLAN 10 Connector Crimper Tool \$95.00 ea.



Crimp these modular plugs onto the 92268M/N unterminated cables in seconds. They're composed of 8-conductor/4-pair modular plastic and available in boxes of 25.

92268P 8-pin modular plugs \$37.00 ea.



Complete your LAN installation with modular wallplates

Give your twisted-pair network a finished look with these molded plastic wallplates.

Designed to look like standard electrical wallplates, these plates feature an 8-pin RJ45 jack for your StarLAN 10 hub and a 6-pin RJ11 jack for your telephone. Each plate also comes with identification labels and removable plastic windows. Available in boxes of 12.

92268J Modular wallplates for StarLAN 10 \$99.00 box

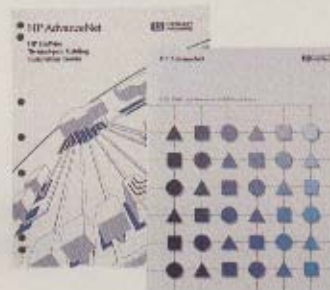
HP LAN manuals get you set up and working right!

Learn how to set up and utilize your StarLAN/10 Here's all the information you'll need to install StarLAN1 or StarLAN10 cables and accessories. This informational manual also includes helpful hints on cabling system planning, plus documentation for twisted-pair installations.

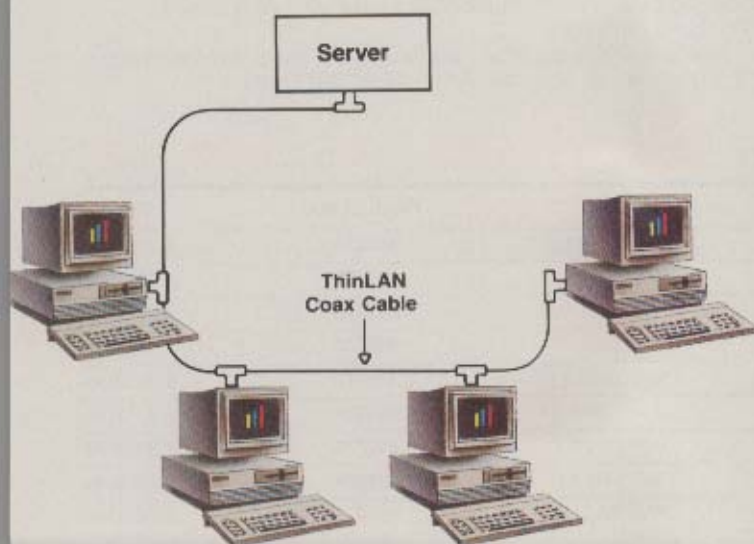
5959-2208 HP SiteWire Twisted-Pair Cabling Installation Guide \$37.00 ea.

Easy-to-follow installation guide Obtain the specific information you need to install LAN cables, AUI cables, MAUs and repeaters from this easy-to-follow installation guide.

5955-7688 LAN Cable and Accessories Installation Manual \$43.00 ea.



Rely on Shared Resource Management for HP 9000 networking



SRM Coax Link

The Shared Resource Management (SRM) is a dedicated file and printer/plotter server for the HP 9000 engineering workstations. It allows workstations in a local cluster to share centralized resources such as printers, plotters and data files.

SRM Coax Networks utilize HP 92227X ThinLAN Coax Cable (see page 72) and SRM Coax Interface Cards (order through HP sales office), resulting in a bus configuration.

Up to 25 nodes (servers and workstations) can be connected on a single coax network. Each coax can have a total length of 1000 meters.

All HP 9000 workstations are supported on the SRM coax network. However, non-SRM workstations cannot be supported on the same bus as an SRM network.

45695A SRM coaxial link terminator pair, 1 grounded, 1 non-grounded \$40.00 ea.

SRM Coax Interface Cards

Computer	Mux Link	Coax Link
HP Series 200 and 300	98629A	50961A Opt. 200
HP Series 500	27123A	50961A Opt. 500

Access data from HP ThinLAN resources with our easy-to-install ThinMAU



Each ThinMAU includes an integrated 1-meter AUI cable and a BNC tee connector with insulated cover.

Get our ThinLAN MAU (medium attachment unit) to connect HP 9000, 3000 and 1000 Computers, as well as HP bridges, HP multi-port repeaters, HP repeaters and HP terminal servers.

A convenient alternative to ThickLAN, ThinLAN 10 Mbps network hardware system uses a thin, flexible coaxial cable as a backbone medium for interconnecting computer systems and peripherals.

It's the recommended solution in computer centers where multiple computer systems are linked for quick data access.

The ThinMAU attaches directly to ThinLAN cable with an insulated BNC tee connector, and to a computer with an integrated 1-meter AUI (attachment unit interface) cable. You can extend the length of the AUI cable by using a 92254J AUI cable (see chart below).

Each ThinLAN backbone cable segment can be up to 185 meters, which can be extended with the use of HP repeaters or bridges.

28641A ThinMAU \$350.00 ea.

Our tools help you quickly make your ThinLAN connections

92227L Crimp-on style BNC connectors/ 2 per package \$22.50 pkg.

92227M ThinLAN tool kit with crimping tool and cable stripper 450.00 ea.

92227N ThinLAN Tee connector with insulating cover \$27.50 ea.

92227P ThinLAN terminator pair (no ground wire connection) \$23.00 ea.

92227Q ThinLAN loopback (Tee connector, terminator pair, insulating cover, pre-assembled) \$45.00 ea.

92227R ThinLAN insulating cover for Tee connector (see photo at left) \$19.50 ea.

See page 71 for guides to understanding and implementing LANs.

For a guaranteed connection, get your HP ThinLAN cables from HP DIRECT

Call HP DIRECT whenever you need ready-to-use ThinLAN cables.

These cables have PVC jacket material and molded connector strain relief casing for durability. FEP Jacket cable is also available for environmentally harsh areas, and terminators are sold separately (see 92227P Terminators).

We also carry the 92254J 5-meter AUI cable which can be used to extend the 1-meter AUI cable that comes with the ThinMAU package.

And perhaps best of all, our cables are always in-stock and shipped the day you call. Just pick up the phone!



Hook up to HP ThinLAN quickly and easily with our low-cost, easy-to-install ThinLAN cables.

ThinLAN cables

Description	Length	Product no.	Price
Terminated, PVC	1m (3.3 ft.)	92227A	\$ 25.00 ea.
Terminated, PVC	2m (6.6 ft.)	92227B	\$ 27.00 ea.
Terminated, PVC	4m (13.1 ft.)	92227C	\$ 29.00 ea.
Terminated, PVC	8m (26.2 ft.)	92227D	\$ 33.00 ea.
Terminated, PVC	16m (52.5 ft.)	92227E	\$ 39.00 ea.
Terminated, PVC	32m (105 ft.)	92227F	\$ 51.00 ea.
Terminated, PVC	64m (210 ft.)	92227G	\$ 76.00 ea.
Terminated, PVC	128m (420 ft.)	92227H	\$126.00 ea.
Unterminated, PVC	300m (984.2 ft.)	92227S	\$230.00 ea.
Unterminated, FEP	100m (328.1 ft.)	92227T	\$300.00 ea.
Unterminated, FEP	300m (984.2 ft.)	92227U	\$850.00 ea.
Terminated, AUI, PVC	5m (16.7 ft.)	92254J*	\$ 45.00 ea.

*For use with 28641A ThinMAU.

Tap into HP ThickLAN information lines with an HP ThickMAU

Our ThickMAU is the ideal solution for interior wiring and longer-distance networks.

HP ThickLANs utilize 10mm, 10Mbps semi-rigid coaxial cable as a medium, forming highly durable building backbones.

The ThickMAU facilitates data transmission, while detecting collisions on the network and making it possible for multiple devices to have access to a BUS line in minimal time.

It attaches easily to ThickLAN cable with a tap, and to the computer with an AUI (attachment unit interface) cable (NOTE: The ThinMAU tap should be left in place even if the MAU is disconnected).

30241A ThickLAN medium attachment unit and coaxial cable tap \$400.00 ea.

30241B Additional LAN coaxial cable tap \$45.00 ea.



Situate your ThickMAU between ThickLAN cable and computer.

Choose from HP's FEP or PVC cables to hook up your HP ThickLAN—and enjoy virtually unlimited data access!

Depend on HP's 10mm thick backbone coaxial and AUI (attachment unit interface) cable for interior wiring and longer-distance networks.

Designed to meet IEEE 802.3 industry standards, these cables are available with external jacket material of PVC or FEP. Teflon® in standard lengths to prevent excessive signal reflection and distortion. AUI cables may also be ordered with FEP or PVC external linings.

Each coaxial cable kit comes with two N-connectors, one terminator, one grounded terminator, one terminal insulator,

one ground lug, two 3/8-in. nuts, one barrel connector (female to female) and one barrel insulator.

Coaxial cable kits with 500m cable include additional N-connectors and barrels with insulators for easy segmentation of coax cable and isolate faults. Extra connectors, barrels and terminators may be ordered separately (see chart below).

Each AUI cable package includes six wallplate labels with protective tape.

NOTE: Check your local building codes and placement plans to determine whether PVC may be used, or if FEP is required.

ThickLAN (AUI) cables*

Description	Length	Product no.	Price
Terminated, FEP	6m (19.7 ft.)	92254A	\$135.00 ea.
Terminated, FEP	12m (39.4 ft.)	92254B	\$200.00 ea.
Terminated, FEP	24m (78.7 ft.)	92254C	\$345.00 ea.
Terminated, FEP	48m (157.5 ft.)	92254D	\$635.00 ea.
Terminated, PVC	6m (19.7 ft.)	92254E	\$ 85.00 ea.
Terminated, PVC	12m (39.4 ft.)	92254F	\$110.00 ea.
Terminated, PVC	24m (78.7 ft.)	92254G	\$160.00 ea.
Terminated, PVC	48m (157.5 ft.)	92254H	\$250.00 ea.

*For use with 30241A LAN MAU and LAN coaxial cable tap.

ThickLAN backbone coax cables

Description	Length	Product no.	Price
Unterminated, FEP	23.4m (76.8 ft.)	92253A	\$ 400.00 ea.
Terminated, FEP	23.4m (76.8 ft.)	92253B	\$ 425.00 ea.
Unterminated, FEP	117m (383.9 ft.)	92253C	\$1500.00 ea.
Unterminated, FEP	500m (1640 ft.)	92253D	\$6000.00 ea.
Unterminated, PVC	23.4m (76.8 ft.)	92253E	\$ 200.00 ea.
Terminated, PVC	23.4m (76.8 ft.)	92253F	\$ 225.00 ea.
Unterminated, PVC	117m (383.9 ft.)	92253G	\$ 500.00 ea.
Unterminated, PVC	500m (1640 ft.)	92253H	\$2100.00 ea.
Package of 4 N-connectors		92253J	\$ 60.00 ea.
Package of 2 barrel connectors, 2 barrel insulators		92253K	\$ 65.00 ea.
Package of 1 non-grounded terminator, 1 grounded terminator, 1 terminal insulator		92253L	\$ 60.00 ea.

Optimize HP ThickLAN with precision tools

Isolate cable segments with different grounds and systems with different power sources, while protecting your network against power surges.

92256E Thick Backbone Cable Segment Surge Protector \$90.00 ea.

Crimp an N-connector onto a thick coax cable quickly. Requires die in 92256A Installation Kit.

92229B Crimp Tool \$199.00 ea.

Get a coaxial cable stripper and a hex crimp die in one kit. Die requires 92229B Crimp Tool.

92256A LAN Coaxial Cable Installation/Tool Kit \$185.00 ea.

Do-it-yourself cabling—as easy as 1-2-3

1.

Choose the
cabling system
you need

Cable systems

Description	Connector kit	Raw cable
Universal 25-pin male RS-232C	92178A/C	92179A/B
Universal 25-pin female RS-232C	92178B/C	92179A/B
HP 3000 ATP (3-pin male RS-232C)	92224A†	92179C
HP 3000 ATP (3-pin female RS-232C)	92224B†	92179C
HP 3000 ATP (5-pin male RS-422)	92225A†	92179D
HP 3000 ATP (5-pin female RS-422)	92225B†	92179D



Kit includes 2 male and 2 female RS232 preassembled 25-pin connectors, strain relief rubber bushings, plastic housings and all necessary hardware.

92178C 25-pin RS232C Connector Kit \$22.00 ea.

2.

Select the
appropriate
connector kit

Connector kits

Application	Connector Kit	Connectors	Product No.	Price
RS-232C	25-pin male RS-232C	2	92178A	(1-4 kits) ... \$23.00 ea.
	25-pin female RS-232C	2	92178B	(5-9) ... 21.00 ea.
	25-pin male & female RS-232C	(1 male/1 female)	92178C	(10+) ... 19.00 ea.
HP 3000 ATP	3-pin male RS-232C ATP	4	92224A†	(1 kit) ... \$51.00 ea.
	3-pin female RS-232C ATP	4	92224B†	(2-3) ... 47.00 ea.
	5-pin male RS-422 ATP	4	92225A†	(4-9) ... 45.00 ea.
	5-pin female RS-422 ATP	4	92225B†	(10-49) ... 43.00 ea.
				(50+) ... 41.00 ea.
HP-IB extender	BNC male (coaxial)	1	92226A	\$ 5.00 ea.



Kit includes BNC connector, conductor, "wrench crimp" nut, and instructions. No special tools required for assembly.

92226A HP-IB Extender Connector Kit \$5.00 ea.



Kit includes 4 sets of plastic housing, R.F. cans, pins, and connector blocks, plus all necessary hardware and instructions. Requires special crimp tool 92229A for assembly.

92224A HP 3000 ATP Connector Kit \$51.00 ea.

3.

Determine the
length of raw
cable you need

Cut-to-length cables

Shielded	No. of wires	Gauge	Min. order length*	Max. length*	Product No.	Price per meter**
No	12	22	10m	400m	92179A	(10-19m) ... \$2.70/m (20-99m) ... 2.35/m (100+) ... 2.10/m
No	25	26	10m	400m	92179B	(10-19m) ... \$4.10/m (20-99m) ... 3.65/m (100+) ... 3.25/m
Yes	3	24	30m	300m	92179C	(30-99m) ... \$1.25/m (100+) ... 0.89/m
Yes	5	24	30m	300m	92179D	(30-99m) ... \$1.55/m (100+) ... 1.17/m
Yes	1 (coaxial)	18	100m	1000m	92179G	\$0.79/m
Yes	4	20/22	50m	1000m	92179H	\$1.00/m

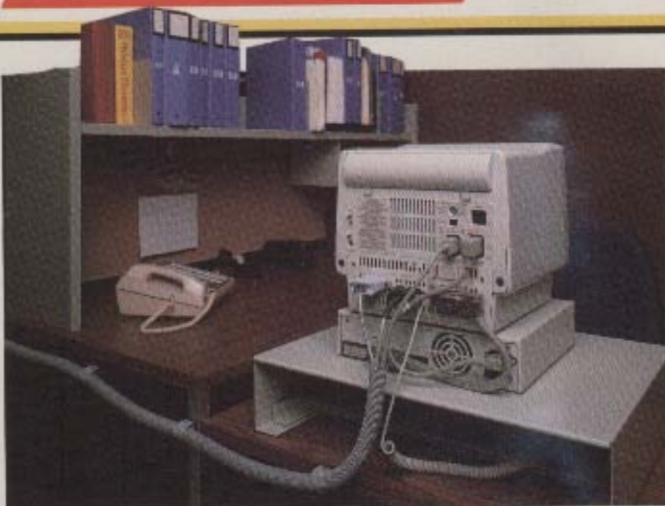


This precision-machined hand crimp tool is needed to crimp the RF shield included in 92224A/B and 92225A/B connector kits to the cable shield. Safety release located inside handle.

92229A Crimp Tool for ATP Connectors \$290.00 ea.

*Longer continuous lengths are available on special order. Delivery time may be increased.

**Please specify length in meters. Price per foot is roughly one-third the price per meter.



Cable management kit keeps cables out of sight—out of mind

Tired of tangled cables? Worried about expensive equipment accidentally being pulled to the floor? Frustrated when cables invade your workspace? Then tame your cables with HP's Cable Management Kit.

Each kit contains a 1.8m (6 ft.) flexible plastic tube, which is slit to provide convenient cable entrance and exit. Also included are five snap-together straps that can be used to attach the tube to any clean, nonporous surface. Velcro-like squares allow the straps to be mounted on a wall, desk, under a bookcase or other convenient location.

The tube is 1 inch in diameter so that several cables can be routed together; if data transmission problems occur, remove the power cord(s) and route separately.

92199F Cable Management Kit \$18.00 ea.



Protect your people and your equipment

Use these handy cable covers to eliminate costly accidents. These covers are made of long-lasting, flexible vinyl and come complete with double-faced adhesive tape for quick installation.

The 4.8m (15 ft.) lengths can be trimmed to size with a sharp knife or butted for longer lengths. Beige or brown colors will match your office decor. The pre-slit channel accepts a cable up to .44 in. (7/16 in.) (11mm) diameter.

92199C Beige Cable Cover, 4.8m (15 ft.) roll \$32.00 ea.

92199D Brown Cable Cover, 4.8m (15 ft.) roll \$32.00 ea.

Note: HP does not recommend placing a power cord and a data communications cable in the same channel.

Organize power cords for convenience and safety

For your convenience, HP now offers two U.S. power strips. Both have cases made of seamless steel with a baked-on finish for durability.

Each features a 1.8m (6 ft.) power cord with molded U.S. connector. Electrical rating: 15A, 125 VAC, 60 Hz, 1875 W, continuous duty.



92199A Multiple Outlet Strip



92199B Multiple Outlet Strip

Multiple Outlet Strips

Description	Dimensions	Product No.	Price
6 outlet, office/home use, UL approved, beige, and includes a master switch (not approved for use in Canada)	25 H x 64 W x 305 D mm (1.0 H x 2.5 W x 12 D in.)	92199A	(1-4) \$35.00 ea. (5-9) 32.00 ea. (10+) 30.00 ea.
5 outlet, system rack use (92211R for example), UL/CSA approved, HP gray color	38 H x 51 W x 222 D mm (1.5 H x 2.0 W x 8.75 D in.)	92199B	(1-4) \$36.00 ea. (5-9) 33.00 ea. (10+) 31.00 ea.

Stock up on the power cords you need

Power cords

Product number	8120-1378 \$8.75 ea.	8120-1351* \$15.50 ea.	8120-1369* \$18.50 ea.	8120-1689* \$14.50 ea.	8120-2104* \$17.50 ea.
Plug					
Voltage rating	125V	250V	250V	250V	250V

*Order from your local HP sales office.

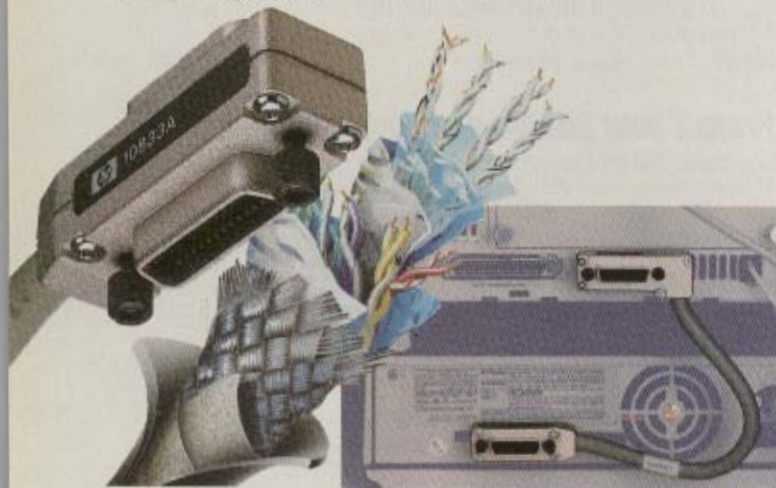
Call HP DIRECT for HP-IB cables



HP-IB/IEEE-488 cables can be used to connect two devices (e.g. a personal computer and a disk drive) or can be "daisy-chained" to connect several devices (e.g. printer, plotter, etc.).

Because HP-IB cables have a large bending radius, right-angle cables are extra convenient wherever HP-IB devices are stacked. Right-angle connectors are available in 1-meter lengths.

Quantity pricing available Order large quantities of HP-IB cables, and receive a discount off our current competitive HP-IB prices. This represents an outstanding buy when you choose our IEEE 488 double-shielded HP-IB cable with metal connectors.



92220R Right-angle HP-IB Cable

Here's the adapter for quick HP-IB connection

The HP 10834A Adapter is a shielded HP-IB to HP-IB adapter designed to help in difficult cabling situations. The adapter provides additional clearance between the HP-IB cable and the rear panel of the instrument. Using this adapter allows easier access to switches, cables, and other connectors that may be in close proximity to the HP-IB connector. The adapter extends the first cable approximately 2.3cm away from the rear panel.

10834A Adapter \$30.00 ea.

The HP-IL cables you need are in stock—ready to go!



The Hewlett-Packard Interface Loop (HP-IL) is a bit-serial interface for low-cost, battery operated systems. Devices are connected by two-wire cables leading from the output port of one device to the input port of the next until all devices form a closed loop. Use with HP 41, Series 70, The PORTABLE and The PORTABLE PLUS.

HP-IL is not intended as a replacement for HP-IB, but rather as a low-cost, low-power alternative below HP-IB in price and performance.

For more HP-IL products, see page 130.

HP-IL Cables

Length	Product Number	Price
0.5m (1.6 ft.)	82167A	\$ 6.00 ea.
1.0m (3.3 ft.)	82167B	\$ 8.00 ea.
5.0m (16.7 ft.)	82167D	\$10.00 ea.

HP-IB Cables

Description	Length	Product Number	Price
HP-IB Cable	.5m (1.6 ft.)	10833D	(1-5) \$80.00 ea.
			(6-9) 76.00 ea.
			(10-24) 70.00 ea.
			(25-39) 62.00 ea.
			(40-79*) 61.00 ea.
	1.0m (3.3 ft.)	10833A	(1-5) \$80.00 ea.
			(6-9) 76.00 ea.
			(10-24) 70.00 ea.
			(25-39) 62.00 ea.
			(40-79*) 61.00 ea.
	2.0m (6.6 ft.)	10833B	(1-5) \$90.00 ea.
			(6-9) 84.00 ea.
			(10-24) 78.00 ea.
			(25-39) 68.00 ea.
			(40-79*) 65.00 ea.
	4.0m (13.2 ft.)	10833C	(1-5) \$100.00 ea.
			(6-9) 93.00 ea.
			(10-24) 88.00 ea.
			(25-39) 75.00 ea.
			(40-79*) 73.00 ea.
	6.0m (19.6 ft.)	8120-3448	(1-5) \$125.00 ea.
			(6-9) 119.00 ea.
			(10-24) 110.00 ea.
			(25-39) 100.00 ea.
			(40-79*) 84.00 ea.
	8.0m (26.4 ft.)**	8120-3449	(1-5) \$135.00 ea.
			(6-9) 128.00 ea.
			(10-24) 119.00 ea.
			(25-39) 108.00 ea.
			(40-79*) 94.00 ea.
Right-angle	0.3m (1.0 ft.)	92220R	\$80.00 ea.

*Call HP DIRECT 800-538-8787 for additional savings on quantities over 79 cables. Price breaks apply to purchase of single product numbers only.

**Longer lengths are available up to 20m (66 ft.).



Cables won't mate? Try the HP connection

Our female and male gender converters are designed to provide convenience and therefore, productivity.

The male gender converter will allow two female cables to be connected. Conversely, a female gender converter will connect two male cables.

Shielding is 100 percent from metal connector to metal connector and both devices feature all 25 wires wired pin-to-pin.

92224F RS232C Female shielded gender converter \$25.00 ea.

92224M RS232C Male shielded gender converter \$25.00 ea.

We ship same day

**CALL HP DIRECT
800-538-8787**

HELPFUL IDEAS!

Extending your RS-232C cables

HP offers RS-232C extension cables that allow you to extend the distance between your computer and peripheral. To determine which extension cable will best fill your need, we offer the following suggestions:

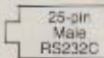
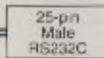
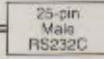
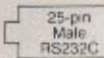
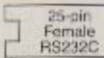
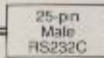
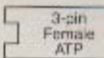
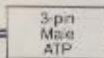
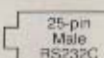
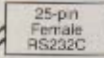
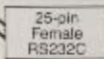
1 Determine the gender you need to mate the extension cable to your present cable. For example, if you want to extend a male connector, order a female-to-male extension cable. If you want to extend a female connector, order a male-to-female extension cable. (A male connector has visible pins, while a female connector has recessed pins.)

2 Check your pin configuration. Extension cables that have pins 1-25 wired end-to-end will accommodate all of your cable extension needs.

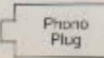
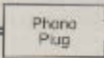
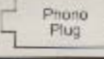
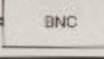
3 Select the cable you need. Various configurations are offered in different lengths.

4 RS-232C cables over 50 feet in length are particularly susceptible to high voltage spikes. HP recommends 92165R surge protectors at each end of the linkage. See RS-232C surge protector on page 159.

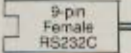
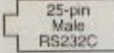
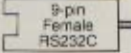
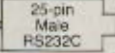
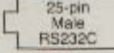
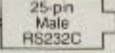
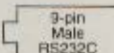
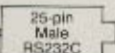
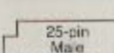
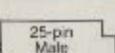
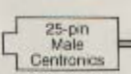
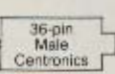
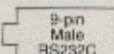
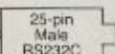
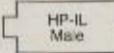
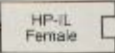
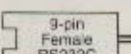
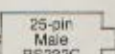
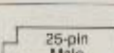
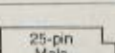
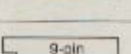
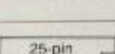
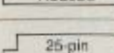
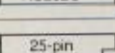
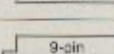
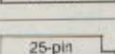
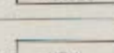
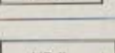
RS-232C Extension cables

	Description	Connector Description	Length	Original system Product no.	Order Product no.	Price
Extension cables	Pins 1-25 wired end-to-end. Shielded.	 	3m (9.9 ft.)		 17355M	\$ 56.00 ea.
	Pins 1-25 wired end-to-end. Shielded.	 	5m (16.7 ft.)	(30062C)	31391A	\$ 70.00 ea.
			10m (33.4 ft.)		31391B	80.00 ea.
			15m (50 ft.)	(30062C, Opt. 001)	 92215F	109.00 ea.
			30m (100 ft.)	(30062C, Opt. 002)	 92215T	\$115.00 ea.
	Pins 1-8, 11, 12, 19, 20, 22, 23, 25 wired end-to-end. Shielded.	 	3.8m (12.5 ft.)		 92219G	\$ 65.00 ea.
	Hardwire extension; pins 2, 3, 7 wired end-to-end. Shielded.	 	7.6m (25 ft.)	(30062D)	30062-60018	\$ 70.00 ea.
			15m (50 ft.)		92215A	94.00 ea.
	Extension cable for HP 3000 ATP RS-232C interface.	 	15m (50 ft.)	(30153A)	30153-60001	\$205.00 ea.
	Extension cable for HP 3000 ATP RS-422 interface.	 	30m (100 ft.)	(30154A)	30154-60001	\$205.00 ea.
	Pins 1-25 wired end-to-end. Shielded Y cable.	  	1.9m (7.0 ft.)		92205U	\$35.00 ea.

Video Extension cables

Video to:	Description	Video to PC Connector Description	Length	Order Product no.	Price
HP Vectra PC	Monochrome video coaxial cable.	 	3m (9.9 ft.)	 45741A	\$ 15.00 ea.
	Color video coaxial R, B, G cable.	 	3m (9.9 ft.)	 45742A	\$ 38.00 ea.

HP Portable cables (Portable PLUS, Portable Vectra CS, & Portable Vectra CS Model 20)

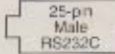
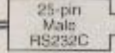
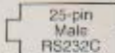
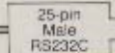
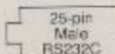
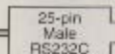
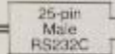
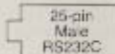
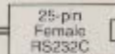
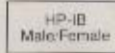
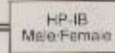
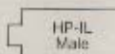
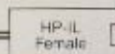
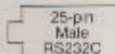
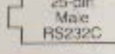
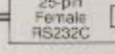
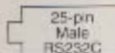
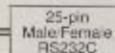
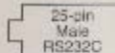
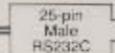
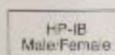
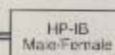
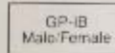
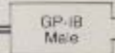
Portable to:	Description	PC to peripheral Connector Description	Length	Original system Product no.	Order Product no.	Price
HP 3000	HP 3000 systems. Shielded.	 	3.0m (9.9 ft.)	24542M	☑ 24542M ^a	\$ 60.00 ea.
	HP 3000 systems. Shielded.	 	5.0m (16.7 ft.)	(13242N)	☑ 13242-60001 ^b	\$100.00 ea.
Modems	US/European modems. Shielded.	 	3.0m (9.9 ft.)	24542M	☑ 24542M ^a	\$ 60.00 ea.
	US modems. Shielded.	 	5.0m (16.7 ft.)	(13242N)	13242-60001 ^b	\$100.00 ea.
	U.S. Modems, 103A, 212A, Vadic 3400 Modems, European 202C-type Modems. Acoustic Couplers. Shielded.	 	1.5m (5.0 ft.)	92221M	☑ 92221M	\$ 40.00 ea.
Printers	RS232C printer cable for 2225D, 2601A Opt. 826, 2603A, 2686A, 2686A Opt 300, 2932A, 2934A. Shielded.	 	3.0m (9.9 ft.)	24542G	☑ 24542G ^a	\$ 60.00 ea.
	RS232C printer cable for 2225D, 2601A Opt. 826, 2603A, 2686A, 2686A Opt 300, 2932A, 2934A. Shielded.	 	5.0m (16.7 ft.)	(13242G)	☑ 13242-60010 ^b	\$ 69.00 ea.
	Parallel (Centronics) printer cable for 2225C, 2686A Opt 300, 2932A Opt 042, 2934A Opt 042. Shielded.	 	2.0m (6.6 ft.)	24542D	☑ 92284A ^c	\$ 39.00 ea.
	RS232C Interface cable for serial printer requiring male connector such as 2225D, 2601A, 2602A, 2932A, 2934A. Shielded.	 	1.5m (5.0 ft.)	92221P	☑ 92221P	\$ 42.00 ea.
	HP-IL Interface cable for 2225B, 82905B Opt. 448.	 	0.5m (1.6 ft.)		☑ 82167A	\$ 6.00 ea.
			1.0m (3.3 ft.)	82167B	☑ 82167B	8.00 ea.
			5.0m (16.7 ft.)		☑ 82167D	10.00 ea.
Plotters	RS232C plotter cable for 7440A Opt 001, 7470A Opt 001, 7475A Opt 001, DraftPro or 758X. Shielded.	 	3.0m (9.9 ft.)	24542G	☑ 24542G ^a	\$ 60.00 ea.
	RS232C plotter cable for 7440A Opt 001, 7470A Opt 001, 7475A Opt 001, DraftPro or 758X. Shielded.	 	5.0m (16.7 ft.)	(13242G)	13242-60010 ^b	\$ 69.00 ea.
	RS232 cable for 7510A or 7550A. Shielded.	 	3.0m (9.9 ft.)	24542H	☑ 24542H ^a	\$ 60.00 ea.
	RS232 cable for 7510A or 7550A. Shielded.	 	1.2m (3.9 ft.)	17255D	☑ 17255D ^c	\$ 44.00 ea.
	RS232C Interface cable for 7440A Opt. 001, 7470A Opt. 001 or 7475A Opt. 001. Shielded.	 	1.5m (5.0 ft.)	92221P	☑ 92221P	\$ 42.00 ea.
	HP-IL Interface cable for 7470A Opt. 003.	 	0.5m (1.6 ft.)		☑ 82167A	\$ 6.00 ea.
			1.0m (3.3 ft.)	82167B	☑ 82167B	8.00 ea.
			5.0m (16.7 ft.)		☑ 82167D	10.00 ea.

^aRequires 24540B serial/parallel or 24541B dual RS232/422 interface card, see page 142. For terminal emulation, AdvanceLink software is required, see page 146.

^bRequires 24541B dual RS232/422 interface card, see page 142. For terminal emulation, AdvanceLink software is required, see page 146.

^cRequires built-in serial/parallel port or 24540B serial/parallel interface card, see page 142.

HP Touchscreen (HP 150) PC cables

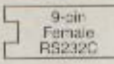
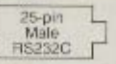
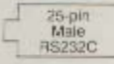
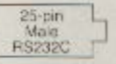
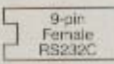
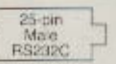
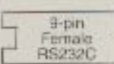
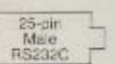
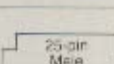
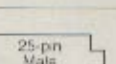
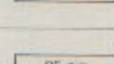
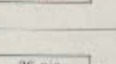
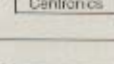
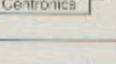
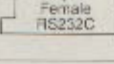
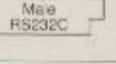
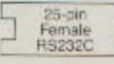
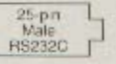
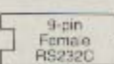
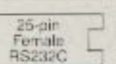
Touchscreen PC to:	Description	PC to peripheral Connector Description	Length	Original system Product no.	Order Product no.	Price
HP 3000	HP 1000, 3000 Systems. Shielded.	 	5.0m (16.7 ft.)	(13242N)	13242-60001	\$100.00 ea.
			15.0m (50.0 ft.)		92218A	110.00 ea.
	3-wire cable with EMP protection for terminals from lightning-induced transients. Shielded.	 	5.0m (16.7 ft.)	(13242Y)	13242-60005	\$ 95.00 ea.
			15.0m (50.0 ft.)		92218C	140.00 ea.
Modems	U.S. modems 103A, 202C/D/S/T, 212A, Vadic 3400 modems; acoustic couplers (signal compatible only). Shielded.	 	5.0m (16.7 ft.)	(13242N)	13242-60001	\$100.00 ea.
			15.0m (50.0 ft.)		92218A	110.00 ea.
	European 202C-type modems. Shielded.	 	5.0m (16.7 ft.)	(13242M)	13242-60002	\$100.00 ea.
			15.0m (50.0 ft.)		92218B	122.00 ea.
Printers	RS232C Interface cable for serial printer requiring male connector such as 2225D, 2601A, 2602A, 2603A, 2631, 2686A, 2686A Opt. 300, 2932A, 2933A, 2934A, 82905B. Shielded.	 	5.0m (16.7 ft.)	(13242G)	13242-60010	\$ 69.00 ea.
	RS232C Interface cable for serial printer requiring female connectors.	 	5.0m (16.7 ft.)	(13242H)	13242-60011	\$ 95.00 ea.
	HP-IB Interface cable for 2602A Opt. 046, 2225A, 2932A Opt. 046, 2933A Opt. 046, 2934A Opt. 046, 82906A, Opt. 001-004, 82906A	 	1.0m (3.3 ft.)		10833A ³	\$ 80.00 ea.
			2.0m (6.6 ft.)		10833B ³	90.00 ea.
			4.0m (13.2 ft.)		10833C ³	100.00 ea.
			0.5m (1.6 ft.)		10833D ³	80.00 ea.
	HP-IL cable for 2225B. Requires HP45643A Extended I/O accessory, available separately.	 	0.5m (1.6 ft.)		82167A	\$ 6.00 ea.
			1.0m (3.3 ft.)	82167B	82167B	8.00 ea.
			5.0m (16.7 ft.)		82167D	10.00 ea.
Plotters	RS232C Interface cable for 7440A Opt. 001, 7470A Opt. 001, 7475A Opt. 001, DraftPro or 758X in stand-alone mode.	 	1.2m (3.9 ft.)		17255M	\$ 44.00 ea.
			5.0m (16.7 ft.)	(13242G)	13242-60010	69.00 ea.
	RS232C Interface cable for 7510A or 7550A in stand-alone mode.	 	1.0m (3.3 ft.)		17255D	\$ 44.00 ea.
	RS232C Interface cable for 7470A Opt. 001, 7475A Opt. 001 or DraftPro in terminal mode (eavesdrop).	 	1.0m (3.3 ft.)	17455A	17455A ¹	\$ 82.00 ea.
			5.0m (16.7 ft.)	(13242N)	13242-60001	100.00 ea.
	RS232C Interface cable for 7510A or 7550A in terminal mode (eavesdrop).	 	5.0m (16.7 ft.)	(13242N)	13242-60001	\$100.00 ea.
	HP-IB Interface cable for 7440A Opt. 002, 7470A Opt. 002, 7475A Opt. 002, 7510A, 7550A, DraftPro ² or 758X.	 	1.0m (3.3 ft.)		10833A ³	\$ 80.00 ea.
			2.0m (6.6 ft.)		10833B ³	90.00 ea.
			4.0m (13.2 ft.)		10833C ³	100.00 ea.
			0.5m (1.6 ft.)		10833D ³	80.00 ea.
Disks	Disk drive to monitor for Touchscreen II (HP 150 II) only. Not for general HP-IB use.	 	0.6m (2 ft.)	(45847-60002)	92220E	\$ 85.00 ea.

¹Piggyback male and female RS232C (Y-cable) supports eavesdrop mode.

²Requires 17570A HP-IB interface

³Longer lengths and quantity break prices are available, see page 76.

HP Vectra PC & IBM PC/AT cables

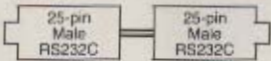
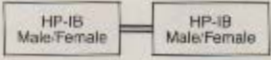
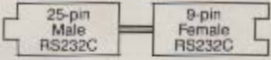
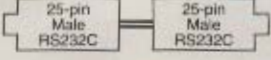
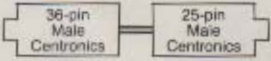
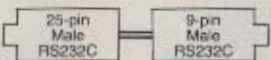
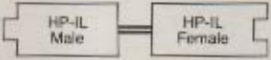
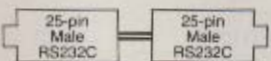
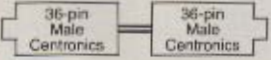
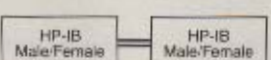
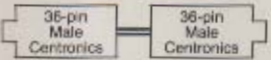
Vectra PC or IBM PC/AT to:	Description	PC to peripheral Connector Description	Length	Original system Product no.	Order Product no.	Price
HP 3000	HP 3000 systems. Shielded.	 	3.0m (9.9 ft.)	24542M	24542M ⁴	\$ 60.00 ea.
	HP 3000 systems. Shielded.	 	5.0m (16.7 ft.) 15.0m (50.0 ft.)	(13242N)	13242-60001 ⁵ 92218A ⁵	\$100.00 ea. 110.00 ea.
Modems	U.S./European modems. Shielded.	 	3.0m (9.9 ft.)	24542M	24542M ⁴	\$ 60.00 ea.
	U.S. modems. Shielded.	 	5.0m (16.7 ft.) 15.0m (50.0 ft.)	(13242N)	13242-60001 ⁵ 92218A ⁵	\$100.00 ea. 110.00 ea.
	European modems. Shielded.	 	5.0m (16.7 ft.) 15.0m (50.0 ft.)	(13242M)	13242-60002 ³ 92218B ⁵	\$100.00 ea. 122.00 ea.
Printers	RS-232C printer cable for 2225D, 2601A Opt. 826, 2603A, 2686A, 2686A Opt. 300, 2932A, 2934A. Shielded.	 	3.0m (9.9 ft.)	24542G	24542G ⁴	\$ 60.00 ea.
	RS-232C printer cable for 2225D, 2601A Opt. 826, 2603A, 2686A, 2686A Opt. 300, 2932A, 2934A. Shielded.	 	5.0m (16.7 ft.)	(13242G)	13242-60010 ⁵	\$ 69.00 ea.
	Parallel (Centronics) printer cable for 2225C, 2686A Opt. 300, 2932A Opt. 042, 2934A Opt. 042. Shielded.	 	2.0m (6.6 ft.)	24542D	92284A ⁶	\$ 39.00 ea.
Plotters	RS-232C plotter cable for 7440A Opt. 001, 7470A Opt. 001, 7475A Opt. 001, DraftPro or 758X. Shielded.	 	3.0m (9.9 ft.)	24542G	24542G ⁴	\$ 60.00 ea.
	RS-232C plotter cable for 7440A Opt. 001, 7470A Opt. 001, 7475A Opt. 001, DraftPro or 758X. Shielded.	 	1.2m (3.9 ft.)		17255D ⁵	\$ 44.00 ea.
	RS-232C cable for 7510A or 7550A. Shielded.	 	3.0m (9.9 ft.)	24542H	24542H ⁴	\$ 60.00 ea.
	RS-232C cable for 7510A or 7550A. Shielded.	 	1.2m (3.9 ft.)	17255F	17255F ⁵	\$ 44.00 ea.

⁴Requires 24540B serial/parallel or 24541B dual RS232C/422 interface card, see page 142. For terminal emulation, AdvanceLink software is required, see page 146.

⁵Requires 24541B dual RS232C/422 interface card, see page 142. For terminal emulation, AdvanceLink software is required, see page 146.

⁶Requires built-in serial/parallel port or 24540B serial/parallel interface card, see page 142.

Printer cables (LaserJet, ThinkJet, QuietJet, QuietJet Plus, DeskJet, PaintJet & RuggedWriter 480 Printers)

Printers to:	Description	Printer to PC Connector Description	Length	Original system Product no.	Order Product no.	Price
Touchscreen PC (HP 150)	RS-232C Interface cable for ThinkJet (2225D), LaserJet family, QuietJet and QuietJet Plus (2227A). Shielded.		1.2m (3.9 ft.)		17255M ³	\$ 44.00 ea.
			5.0m (16.7 ft.)	(13242G)	13242-60010 ⁶	69.00 ea.
	HP-IB Interface cable for ThinkJet (2225A). Shielded.		1.0m (3.3 ft.)		10833A ³	\$ 80.00 ea.
			2.0m (6.6 ft.)		10833B ³	90.00 ea.
			4.0m (13.2 ft.)		10833C ³	100.00 ea.
			0.5m (1.6 ft.)		10833D ³	80.00 ea.
	HP-IL Interface cable for ThinkJet (2225B).		0.5m (1.6 ft.)		82167A ⁷	\$ 6.00 ea.
			1.0m (3.3 ft.)		82167B ⁷	8.00 ea.
			5.0m (16.7 ft.)		82167D ⁷	10.00 ea.
HP Vectra PC, IBM PC/AT	RS-232C Interface cable for PaintJet family, ThinkJet (2225D), LaserJet II, IIP, IID, QuietJet and QuietJet Plus (2227A). Shielded.		3.0m (9.9 ft.)	24542G	24542G ⁴	\$ 60.00 ea.
	RS232C Interface cable for ThinkJet (2225D), LaserJet family, QuietJet and QuietJet Plus (2227A). Shielded.		1.2m (3.9 ft.)		17255M ³	\$ 44.00 ea.
			5.0m (16.7 ft.)	(13242G)	13242-60010 ⁶	69.00 ea.
	Centronics (parallel) Interface cable for PaintJet family, ThinkJet (2225C), LaserJet Series II, IIP, IID, LaserJet PLUS (2686A Opt 300), LaserJet 500 PLUS (2686D), QuietJet and QuietJet Plus (2227A). Shielded.		2.0m (6.6 ft.)	24542D	92284A ⁶	\$ 39.00 ea.
PORTABLE, Portable PLUS	RS232C Interface cable for ThinkJet (2225D), LaserJet family, QuietJet and QuietJet Plus (2227A). Shielded.		1.5m (5.0 ft.)		92221P	\$ 42.00 ea.
	HP-IL Interface cable for ThinkJet (2225B).		0.5m (1.6 ft.)		82167A	\$ 6.00 ea.
			1.0m (3.3 ft.)		82167B	8.00 ea.
239X Terminals	RS232C Interface cable for ThinkJet (2225D), LaserJet family, QuietJet and QuietJet Plus (2227A). Shielded. Terminal requires 40210R interface.		5.0m (16.7 ft.)	40242G	40242G	\$ 77.00 ea.
					40210R	242.00 ea.
	Centronics (parallel) Interface cable for ThinkJet (2225C), LaserJet PLUS (2686A Opt 300), LaserJet 500 PLUS (2686D), QuietJet and QuietJet Plus (2227A). Shielded. Terminal requires 40210P interface.*		1.0m (3.3 ft.)	40242D	40242D	\$108.00 ea.
	HP-IB Interface cable for ThinkJet (2225A). For 2393A and 2397A only. Shielded. Terminal requires 40210H interface.		1.0m (3.3 ft.)		10833A ³	\$ 80.00 ea.
			2.0m (6.6 ft.)		10833B ³	90.00 ea.
			4.0m (13.2 ft.)		10833C ³	100.00 ea.
			0.5m (1.6 ft.)		10833D ³	80.00 ea.
					40210H	242.00 ea.
HP 86	Centronics (parallel) Interface cable for ThinkJet (2225C). Shielded. Requires 82949A printer interface.		1.2m (4.0 ft.)		82957A	\$ 60.00 ea.

*Call your local HP sales office for ordering information.

⁴Requires 24540B serial/parallel or 24541B dual RS232/422 interface card, see page 142. For terminal emulation, AdvanceLink software is required, see page 146.

⁵Longer lengths and quantity break prices are available, see page 76.

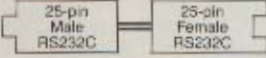
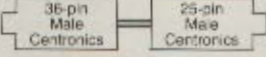
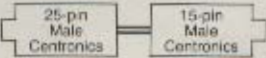
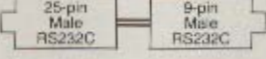
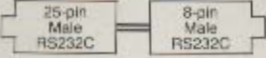
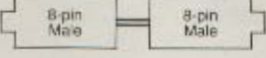
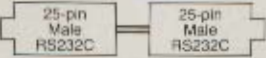
⁶Requires 24541B dual RS232/422 interface card, see page 142. For terminal emulation, AdvanceLink software is required, see page 146.

⁷Requires built-in serial/parallel port or 24540B serial/parallel interface card, see page 142.

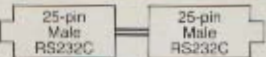
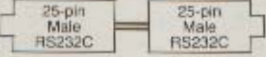
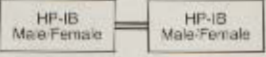
⁸Requires 45643A extended I/O accessory.

Chart continued next page

Printer cables (cont.) (HP LaserJet, ThinkJet, QuietJet, QuietJet Plus, DeskJet, PaintJet & RuggedWriter 480 Printers)

Printer to:	Description	Printer to PC Connector Description	Length	Original system Product no.	Order Product no.	Price
IBM PC, PC/XT, PS/2, Compaq, AT&T PC 6300	RS232C Interface cable for ThinkJet (2225D), LaserJet Series III, IIP, IID, QuietJet and QuietJet Plus (2227A). Shielded.		1.2m (3.9 ft.) 5.0m (16.7 ft.)		17255D 92219J	\$ 44.00 ea. 61.00 ea.
	Centronics (parallel) interface cable for ThinkJet (2225C), LaserJet Series II, IIP, IID, LaserJet PLUS (2686A Opt 300), LaserJet 500 PLUS (2686D), QuietJet and QuietJet Plus (2227A). Shielded.		2.0m (6.6 ft.)	92219K	92284A*	\$ 39.00 ea.
	Centronics (parallel) Interface cable for ThinkJet (2225P) battery powered. Shielded with thumb screws.		1.0m (3.3 ft.)		92219Z	\$ 51.00 ea.
Apple Macintosh	RS232C Interface cable for ThinkJet (2225D), LaserJet family, QuietJet and QuietJet Plus (2227A). Shielded.		1.5m (5 ft.)		92219M*	\$ 45.00 ea.
Apple Macintosh Plus/SE/II	RS232C Interface cable for PaintJet and LaserJet		1.5m (5 ft.)		17302A	\$ 40.00 ea.
Apple Macintosh Plus/SE/SE30, Portable, II/Ici/Icx	Interface cable for DeskWriter, PaintWriter XL, LaserJet IID, IIP, III, IIID		2.0m (6.6 ft.)	new 922155*	922155*	\$ 22.00 ea.
Apple IIe	RS232C Interface cable for ThinkJet (2225D), LaserJet family, QuietJet and QuietJet Plus (2227A). Shielded.		3.0m (9.9 ft.)		17355M	\$ 66.00 ea.

HP 2603A & 293X Printer cables

Printer to:	Description	Printer to PC Connector Description	Length	Original system Product no.	Order Product no.	Price
HP 3000	RS232C Interface cable for HP 3000 ADCC and ATP modern port. Shielded.		5.0m (16.7 ft.)	(13242Y)	13242-60005	\$ 95.00 ea.
			15.0m (50.0 ft.)		92218C	140.00 ea.
Touchscreen PC (HP 150)	RS232C Interface cable. Shielded.		1.2m (3.9 ft.)		17255M	\$ 44.00 ea.
			5.0m (16.7 ft.)	(13242G)	13242-60010	69.00 ea.
	HP-IB Interface cable for 293X printers with Opt. 046 only. Shielded.		1.0m (3.3 ft.)		10833A ³	\$ 80.00 ea.
			2.0m (6.6 ft.)		10833B ³	90.00 ea.
			4.0m (13.2 ft.)		10833C ³	100.00 ea.
			0.5m (1.6 ft.)		10833D ³	80.00 ea.

¹Requires built-in serial/parallel port or 24540B serial/parallel interface card, see page 142.

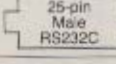
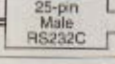
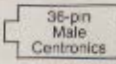
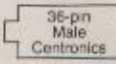
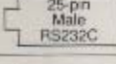
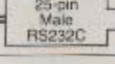
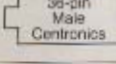
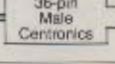
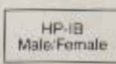
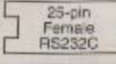
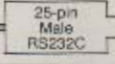
²Longer lengths and quantity break prices are available, see page 76.

³Macintosh Plus also requires Apple cable no. 699-0372 Peripheral Adapter cable.

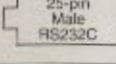
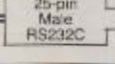
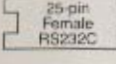
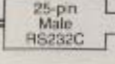
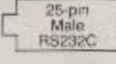
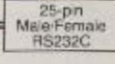
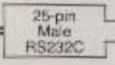
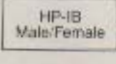
⁴LaserJet family of printers requires use of a Macintosh Interface board.

Chart continued next page

HP 2603A & 293X Printer cables (cont.)

Printer to:	Description	Printer to PC Connector Description	Length	Original system Product no.	Order Product no.	Price
HP Vectra PC, IBM PC/AT	RS232C Interface cable. Shielded.	 	3.0m (9.9 ft.)	24542G	④ 24542G ⁴	\$ 60.00 ea.
	RS232C Interface cable. Shielded.	 	1.2m (3.9 ft.)		④ 17255M ⁵	\$ 44.00 ea.
	Centronics (parallel) Interface cable for 293X printers with Opt. 042 only. Shielded.	 	5.0m (16.7 ft.)	(13242G)	13242-60010 ⁵	69.00 ea.
PORTABLE and Portable PLUS	Centronics (parallel) Interface cable for 293X printers with Opt. 042 only. Shielded.	 	2.0m (6.6 ft.)	24542D	④ 92284A ⁶	\$ 39.00 ea.
	RS232C Interface cable. Shielded.	 	1.5m (5.0 ft.)	92221P	④ 92221P	\$ 42.00 ea.
239X Terminals	RS232C Interface cable. Shielded. Terminal requires 40210R interface.	 	5.0m (16.7 ft.)	40242G	40242G	\$ 77.00 ea.
					40210R	242.00 ea.
	Centronics (parallel) Interface cable for 293X printers with Opt. 042 only. Shielded. Terminal requires 40210P interface.*	 	1.0m (3.3 ft.)	40242D	40242D	\$108.00 ea.
	HP-IB Interface cable for 2393A and 2397A terminals and 293X printers with Opt. 046 only. Shielded. Terminal requires 40210H interface.		1.0m (3.3 ft.)		④ 10833A ³	\$ 80.00 ea.
			2.0m (6.6 ft.)		④ 10833B ³	90.00 ea.
			4.0m (13.2 ft.)		④ 10833C ³	100.00 ea.
			0.5m (1.6 ft.)		④ 10833D ³	80.00 ea.
					40210H	242.00 ea.
IBM PC, PC/XT, Compaq, AT&T PC 6300	RS232C Interface cable for 2603A printer only. Shielded.	 	1.2m (3.9 ft.)		④ 17255D	\$ 44.00 ea.

Plotter cables (ColorPro (7440A), 7470A, 7475A, 7510A, 7550A, DraftPro, DraftMaster & 758X Plotters)

Plotter to:	Description	Plotter to PC Connector Description	Length	Original system Product no.	Order Product no.	Price
Touchscreen PC (HP 150)	RS232C Interface cable for 7440A Opt. 001, 7470A Opt. 001, 7475A Opt. 001, DraftPro and 758X. Shielded.	 	1.2m (3.9 ft.)		④ 17255M	\$ 44.00 ea.
			5.0m (16.7 ft.)	(13242G)	④ 13242-60010	69.00 ea.
	RS232C Interface cable for 7510A or 7550A. Shielded.	 	1.2m (3.9 ft.)		④ 17255D	\$ 44.00 ea.
	RS232C Interface cable for 7470A Opt. 001, 7475A Opt. 001 or DraftPro with HP 150 PC in terminal mode (eavesdrop). Both cables required. Shielded.	 	1.0m (3.3 ft.)		④ 17455A ¹ and	\$ 82.00 ea.
			5.0m (16.7 ft.)	(13242N)	13242-60001	100.00 ea.
	RS232C Interface cable for 7510A, 7550A or 758X with HP 150 PC in terminal mode (eavesdrop). Shielded.	 	3.0m (9.9 ft.)		④ 17355M or	\$ 66.00 ea.
			5.0m (16.7 ft.)	(13242N)	13242-60001	100.00 ea.
	HP-IB Interface cable for ColorPro (7440A Opt. 002), 7470A Opt. 002, 7475A Opt. 002, 7510A, 7550A, DraftPro ² and 758X. Shielded.		1.0m (3.3 ft.)		④ 10833A ³	\$ 80.00 ea.
			2.0m (6.6 ft.)		④ 10833B ³	90.00 ea.
			4.0m (13.2 ft.)		④ 10833C ³	100.00 ea.
			0.5m (1.6 ft.)		④ 10833D ³	80.00 ea.

*Call your local HP sales office for ordering information.

¹Piggyback male and female RS232C (Y-cable) supports eavesdrop mode.

²Requires 17570A HP-IB interface

³Longer lengths and quantity break prices are available, see page 76.

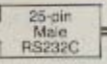
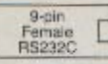
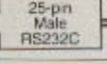
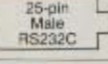
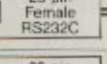
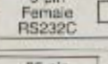
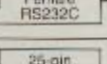
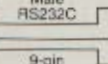
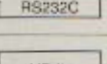
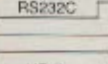
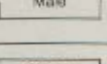
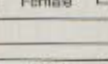
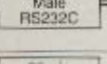
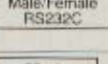
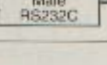
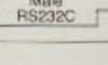
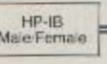
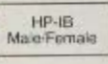
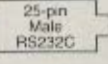
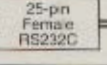
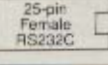
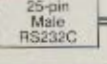
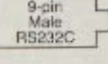
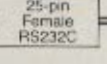
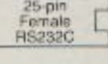
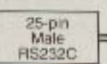
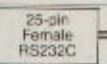
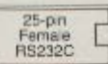
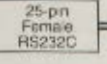
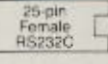
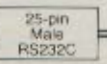
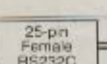
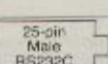
⁴Requires 24540B serial/parallel or 24541B dual RS232/422 interface card, see page 142. For terminal emulation, AdvanceLink software is required, see page 146.

⁵Requires 24541B dual RS232/422 interface card, see page 142. For terminal emulation, AdvanceLink software is required, see page 146.

⁶Requires built-in serial/parallel port or 24540B serial/parallel interface card, see page 142.

Chart continued next page

Plotter cables (cont.) (ColorPro (7440A), 7470A, 7475A, 7510A, 7550A, DraftPro, DraftMaster & 758X Plotters)

Plotter to:	Description	Plotter to PC Connector Description	Length	Original system Product no.	Order Product no.	Price
HP Vectra PC, IBM PC/AT	RS232C Interface cable for 7440A Opt. 001, 7470A Opt. 001, 7475A Opt. 001, DraftPro and 758X. Shielded.	 	3.0m (9.9 ft.)	24542G	24542G ⁴	\$ 60.00 ea.
	RS232C Interface cable for 7440A Opt. 001, 7470A Opt. 001, 7475A Opt. 001, DraftPro and 758X. Shielded.	 	1.2m (3.9 ft.)		17255M ⁵	\$ 44.00 ea.
	RS232C Interface cable for 7510A or 7550A. Shielded.	 	3.0m (9.9 ft.)	24542H	24542H ⁴	\$ 60.00 ea.
	RS232C Interface cable for 7510A or 7550A. Shielded.	 	1.2m (3.9 ft.)		17255D ⁵	\$ 44.00 ea.
PORTABLE and Portable PLUS	RS232C Interface cable for 7440A Opt. 001, 7470A Opt. 001, 7475A Opt. 001. Shielded.	 	1.5m (5.0 ft.)		92221P	\$ 42.00 ea.
	HP-IL Interface cable for 7470A Opt. 003.	 	0.5m (1.6 ft.)		82167A	\$ 6.00 ea.
			1.0m (3.3 ft.)		82167B	8.00 ea.
			5.0m (16.7 ft.)		82167D	10.00 ea.
2393A, 2397A Terminals	RS232C Interface cable for 7470A Opt. 001, 7475A Opt. 001 or DraftPro in terminal mode (eavesdrop). Both cables required. Shielded.	 	1.0m (3.3 ft.)		17455A ¹ and	\$ 82.00 ea.
			5.0m (16.7 ft.)	40242M	40242M	77.00 ea.
	RS232C Interface cable for 7510A or 7550A in terminal mode (eavesdrop). Shielded.	 	3.0m (9.9 ft.)		17355M or	\$ 66.00 ea.
			5.0m (16.7 ft.)	40242M	40242M	77.00 ea.
	HP-IB Interface cable for ColorPro (7440A Opt. 002), 7470A Opt. 002, 7475A Opt. 002, 7510A, 7550A, DraftPro ² and 758X. Shielded. Terminal requires 40210H interface.	 	1.0m (3.3 ft.)		10833A ³	\$ 80.00 ea.
			2.0m (6.6 ft.)		10833B ³	90.00 ea.
IBM PC, PC/XT, Compaq, AT&T PC 6300	RS232C Interface cable for ColorPro (7440A Opt. 001), 7470A Opt. 001, 7475A Opt. 001, DraftPro, DraftMaster and 758X. Shielded.	 	1.2m (3.9 ft.)		17255D	\$ 44.00 ea.
	RS232C Interface cable for 7510A or 7550A. Shielded.	 	1.2m (3.9 ft.)		17255F	\$ 44.00 ea.
Apple Macintosh	RS232C Interface cable for ColorPro (7440A Opt. 001), 7470A Opt. 001, 7475A Opt. 001, DraftPro, DraftMaster and 758X. Shielded.	 	1.5m (5 ft.)		92219M ⁶	\$ 45.00 ea.
	RS232C Interface female gender converter for 7510A or 7550A. Also requires 92219M cable above. Shielded.	 	1.5m (5 ft.)		92224F	\$ 25.00 ea.
Apple Macintosh Plus/SE/II	RS232C Interface cable for ColorPro, 7475A, DraftPro Series, DraftMaster, 7600 Series Electrostatic plotters.	 	1.5m (5 ft.)		17302A	\$ 40.00 ea.
	RS232C Interface female gender converter for 7550. Also requires 17302A cable above.	 	1.5m (5 ft.)		92224F	\$ 25.00 ea.
Apple IIc	RS232C Interface female gender converter for 7510A or 7550A. Also requires 92219N cable above. Shielded.	 	1.5m (5 ft.)		92224F	\$ 25.00 ea.
Apple IIe	RS232C Interface cable for ColorPro (7440A Opt. 001), 7470A Opt. 001, 7475A Opt. 001, DraftPro, DraftMaster and 758X. Shielded.	 	3.0m (9.9 ft.)		17355M	\$ 66.00 ea.
	RS232C Interface cable for 7510A or 7550A. Shielded.	 	3.0m (9.9 ft.)		17355D	\$ 66.00 ea.

¹Piggyback male and female RS232C (Y-cable) supports eavesdrop mode.

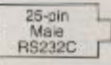
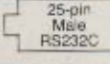
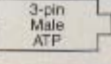
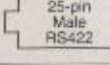
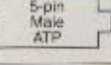
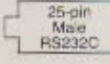
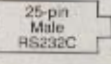
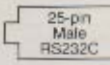
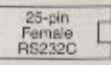
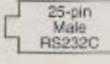
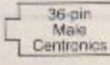
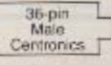
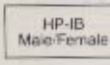
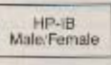
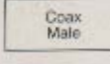
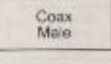
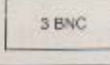
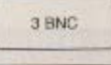
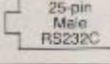
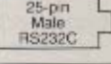
²Longer lengths and quantity break prices are available, see page 76.

⁴Requires 24540B serial/parallel or 24541B dual RS232/422 interface card, see page 142. For terminal emulation, AdvanceLink software is required, see page 146.

⁵Requires 24541B dual RS232/422 interface card, see page 142. For terminal emulation, AdvanceLink software is required, see page 146.

⁶Macintosh Plus also requires Apple cable no 699-0372 Peripheral Adapter cable.

Terminal cables

Terminal to:	Description	Terminal to PC/peripheral Connector Description	Length	Original system Product no.	Order Product no.	Price
HP 3000	U.S./European modem cable. Shielded.	 	5.0m (16.7 ft.)	40242M	40242M	\$ 77.00 ea.
	RS232C Interface cable for direct connect to HP 3000 ATP.	 	5.0m (16.7 ft.)	40242X	40242X	\$ 77.00 ea.
	RS422 Interface cable for direct connect to HP 3000 ATP.	 	5.0m (16.7 ft.)	40242P	40242P	\$ 77.00 ea.
	RS232C Interface cable for direct connect to HP 3000, protected against lightning-induced transients. Shielded.	 	5.0m (16.7 ft.)	40242Y	40242Y	\$108.00 ea.
	RS232C extension cable.	 	5.0m (16.7 ft.)	40242C	40242C	\$108.00 ea.
Printers	RS232C Interface cable for serial printers such as ThinkJet (2225D) and QuietJet Plus (2227A). Shielded. Requires 40210R interface.	 	5.0m (16.7 ft.)	40242G	40242G	\$ 77.00 ea.
	Centronics type (parallel) interface cable for printers such as ThinkJet (2225C) and QuietJet Plus (2227A). Shielded. Requires 40210P interface.*	 	1.0m (3.3 ft.)	40242D	40242D	\$108.00 ea.
HP-IB Printers & Plotters (2393A and 2397A only)	HP-IB Interface cable for printers such as ThinkJet (2225A) and plotters such as 7475A Opt. 002. Shielded. Terminal requires 40210H interface.	 	1.0m (3.3 ft.)		10833A ²	\$ 80.00 ea.
			2.0m (6.6 ft.)		10833B ²	90.00 ea.
			4.0m (13.2 ft.)		10833C ²	100.00 ea.
			0.5m (1.6 ft.)		10833D ²	80.00 ea.
					40210H	242.00 ea.
Video Display	Composite video cable for 2393A.	 	0.4m (1.5 ft.)		40242V	\$ 25.00 ea.
	RGB video cable for 2397A.	 	0.4m (1.5 ft.)		40242R	\$ 40.00 ea.
Modems	U.S./European modem cable. Shielded.	 	5.0m (16.7 ft.)	40242M	40242M	\$ 77.00 ea.

*Call your local HP sales office for ordering information.

²Longer lengths and quantity break prices are available, see page 76.

We ship same day
CALL HP DIRECT
800-538-8787

Call us with your Purchase Orders or



HP 3000 cables

HP 3000 to:	Description	HP 3000 to modem Connector Description	Length	Original system Product no.	Order Product no.	Price
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88 Disks & Tapes
Optical disks

Order from your local HP dealer
Call 800-752-0900 for nearest location



Enter the age of optical storage with the disk that goes beyond drive compatibility to optimal drive performance.

Getting the most reliability, performance and longevity from your HP Optical Drive investment is easy when you choose the disk developed with your drive in mind.

By using HP Rewritable Optical Disks, you're assured of disk-to-drive compatibility—the key to secure protection of your valuable data.

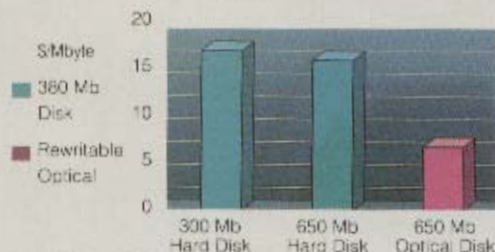
What's more, these are the only optical disks tested with the HP Optical Drive, *under worst-case conditions*, to meet ANSI and ISO standards. And they're guaranteed to be 100 percent error-free for a full year.

By choosing HP, you take advantage of the expertise we developed



as the provider of a total optical storage solution. That's because focusing on a total solution allowed us to develop disks that don't just match your drive, but actually optimize drive reliability and performance.

1988/89 Comparative Storage Costs
1 Drive + Required Media



Rewritable optical storage costs as little as 1/30th the price of hard disk storage.

Combining easy access with large capacity is no longer a hard (disk) choice Each 5.25 in., double-sided HP Rewritable Optical Disk gives you 650 megabytes of removable capacity, for a fraction of what hard disk storage costs.

Stretching your storage dollar no longer means relegating information to magnetic tape because it's too expensive to store on hard disk. That means no more frustrating waits for data buried off-line on paper and mag tape.

A single HP Rewritable Optical Disk offers as much storage as 16 1600 BPI mag tapes—plus greater reliability and easier



See page 90
for flexible disk
ordering information



I trust HP disks to save all my important data!

Until recently, every product I introduced involved mounds of paper: research papers, confidential documents and scribbled notes from vendors, plus the pages of my typed product plan.

Today, I work smarter—I keep data, background information and my product plan-in-progress on HP flexible disks.

I can trust HP disks with my 100-page product introduction plan. Because at HP, quality dictates the blueprint of all flexible disks.

Uncompromised performance guaranteed HP disk performance is tested several ways. First, they make sure their disks comply with the exact engineering specifications of their disk drives.

Then, their disks must pass a series of rigorous tests, both during manufacturing and at final certification.

It's not until they're satisfied that the disks are 100 percent error-free that they give them the HP label. Even then, HP's

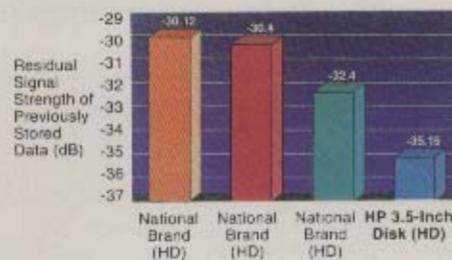
research engineers have conducted comparison tests to determine performance.

My managers know all this, and they're as pleased with my choice of disks as they are with my work.

For just a few cents more than the cost of bargain disks, I can save my data on the best quality disks available! And since my data's my livelihood, that sure makes good sense to me!

HP is lowest on Residual Signal HP engineers tested four popular brands of 3.5-inch flexible disks. They first recorded data on each disk, then recorded new data over the same area of the disks. Ideally, each brand of media would not have the old signal present. They found HP disks had the lowest signal level from the old data.

Overwrite: A Test to Measure the Ability to Write over Previously Recorded Data



See the next page for ordering information.

Trust your valuable data to HP quality disks!

3.5-inch Flexible disks

Description	Use with HP disk drives & storage systems	Product number	Price
Box of 10, 3.5-inch, double-sided, auto-shutter, unformatted, 710/720 Kbyte (HP formatted capacity).	HP 45813A, 9114A/B, 9122D/S, 9123D, 9133D/H/L, 9153A/B/C D1667A disk drives, HP Portable Vectra CS, HP Vectra CS/ES/RS and Touchscreen (HP 150) PCs.	92192A	(box/10 disks) \$19.00 box (2-4) 17.00 box (5-19) 16.00 box (20+) 15.00 box
Box of 100, 3.5-inch, double-sided, auto-shutter, unformatted, 710/720 Kbyte (HP formatted capacity).	HP 45813A, 9114A/B, 9122D/S, 9123D, 9133D/H/L, 9153A/B/C D1667A disk drives, HP Portable Vectra CS, HP Vectra CS/ES/RS and Touchscreen (HP 150) PCs.	92192N	(box/100 disks) \$167.00 box (2-4) 150.00 box (5+) 139.00 box
Package of 250, multi-colored disk labels for use with 92192N above.		92192R	(per pkg of 250 labels) .. \$19.95 pkg.
Box of 10, 3.5-inch, high-density, double-sided, auto-shutter, unformatted, 1.42/1.44 Mbyte (formatted capacity). NOTE: For use with 1.42/1.44 Mbyte disk drives only.	HP 45813A, 9122C, 9153C and D1667A disk drive, HP Portable Vectra CS and HP Vectra CS/RS/ES PCs.	92192X	(box/10 disks) \$42.00 box (2-4) 39.00 box (5-19) 36.00 box (20+) 33.00 box

5.25-inch Flexible disks

Description	Use with HP disk drives & storage systems	Product number	Price
Box of 10, 5.25-inch, double-sided, unformatted, 360 Kbyte (formatted capacity).	HP 45811A, 82901M, 82902M, 9125S, 9127A, 9135A disk drives, 9826, 9836 computers and HP Vectra CS/ES/RS PCs.	92190A	(box/10 disks) \$11.00 box (2-4) 10.00 box (5-19) 9.00 box (20+) 8.00 box
Box of 100, 5.25-inch, double-sided, unformatted, 360 Kbyte (formatted capacity).	HP 45811A, 82901M, 82902M, 9125S, 9127A, 9135A disk drives, 9826, 9836 computers and HP Vectra CS/ES/RS PCs.	92190N	(box/100 disks) \$99.00 box (2-4) 91.00 box (5+) 84.00 box
Box of 10, 5.25-inch, high-capacity, double-sided, unformatted, 1.2 Mbyte (formatted capacity).	HP 45812A, Vectra PC's high-capacity 1.2 MByte internal drive and HP Vectra ES/RS PCs.	92190X	(box/10 disks) \$19.00 box (2-4) 17.00 box (5-19) 15.00 box (20+) 13.00 box
Box of 100, 5.25-inch, high-capacity, double-sided, unformatted, 1.2 Mbyte (formatted capacity).	HP 45812A, HP Vectra PC's high-capacity 1.2 MByte internal drive and HP Vectra ES/RS PCs.	92190Z	(box/100 disks) \$159.00 box (2-4) 143.00 box (5-19) 130.00 box (20+) 127.00 box

8-inch Flexible disks

Description	Use with HP disk drives & storage systems	Product number	Price
Box of 10, 8-inch, double-sided, unformatted, 1.2 Mbyte (formatted capacity).	HP 9895A	92195A	(1 box of 10 disks) \$61.00 box (2-4) 57.00 box (5-19) 53.00 box (20+) 49.00 box
Box of 10, 8-inch, single-sided, unformatted, 500 Kbyte (formatted capacity).	HP 9885M/S, HP 1000 Models 20 and 25 (2174A/B and 2175A/B subsystems).	9164-0105	(1 box of 10 disks) \$44.00 box (2-4) 41.00 box (5-19) 38.00 box (20+) 35.00 box

See page 175 for HP's five-year warranty on Flexible disks.

Select your favorite filing system for your 3.5 in. and 5.25 in. disks!

No more frantic searching for misplaced disks! Save yourself time and minimize disk damage with an HP disk storage system that keeps your disks organized, easy to locate, clean and protected. For your convenience, all 3.5 in. and 5.25 in. disk storage systems are listed together in this section, organized by desktop, shelf, drawer, and portable storage.

Roll-top files add a touch of class to your desktop

Enhance your office decor with these handsome roll-top files for storing your personal disks. The attractive cover lends richness to the file and also slides back and out of the way for easy access. Constructed of durable plastic to ensure long-lasting protection with elegant styling. Also features rubber anti-skid feet and built-in disk dividers.

92191R Roll-top File for 3.5 in. disks.
Capacity: 50 disks.
(1 unit) \$39.00 ea.
(2-4) 36.00 ea.
(5+) 33.00 ea.

92194N Roll-top File for 5.25 in. disks.
Capacity: 120 disks.
(1 unit) \$49.00 ea.
(2-4) 46.00 ea.
(5+) 43.00 ea.



Keep your 3.5 in. disks safe

Protect your Micro Flexible disks in this compact desktop file. Stores up to 60 disks in a durable acrylic case. Index dividers make it easy to organize your disks for easy retrieval. Also features a flip up lid for easy access.

92191D Desktop File for 3.5 in. disks.
Capacity: 60 disks.
(1 unit) \$39.00 ea.
(2-4) 35.00 ea.
(5+) 30.00 ea.

Flip-top file offers instant access

Just flip up the hinged lid. The disks inside this practical desktop file are clearly displayed and readily accessible. Tabbed dividers and index labels are included to make it simple to organize your disks. Made of durable plastic, these files offer protection from office hazards such as dust, debris and moisture.

92191Q Compact File for 3.5 in. disks.
Capacity: 40 disks.
(1 unit) \$22.00 ea.
(2-4) 20.00 ea.
(5+) 18.00 ea.
92194A Compact File for 5.25 in. disks.
Capacity: 60 disks.
(1 unit) \$39.00 ea.
(2-4) 36.00 ea.
(5+) 33.00 ea.



Micro disk case saves space and money

This durable plastic 3.5 in. micro disk case holds 10 microfloppy disks in library-like fashion for easy fingertip retrieval. The disk holder slides open to reveal your disks with step filing. Slide it closed and file snaps shut for library storage or for convenient transport. Disk identification and spine labels included.

92191T Micro Disk Case for 3.5 in. disks.
Capacity: 10 disks.
(1 case) \$7.00 ea.

Interlocking units expand to fit your space

Flexibility is built into this disk storage system. FlexFile units interlock on the sides, top or bottom, so you can stack units like building blocks—either vertically or horizontally. Just add new units as your needs expand and make the most of any work space. Your disks automatically flip forward for easy access when the FlexFile drawer opens. And when you need to transport disks, simply separate out a modular unit and take it with you. FlexFiles are constructed of tough polystyrene, for sturdy, dust-free protection. Includes adhesive index labels and instructions. Disks not included.



92191E FlexFiles for 3.5-inch disks. Package of five FlexFiles. Each FlexFile unit holds up to 10 disks.

(1 pkg.)	\$37.00 pkg.
(2-4)	34.00 pkg.
(5+)	29.00 pkg.

92194E FlexFiles for 5.25-inch disks. Package of five FlexFiles. Each FlexFile unit holds up to 10 disks.

(1 pkg.)	\$37.00 pkg.
(2-4)	34.00 pkg.
(5+)	29.00 pkg.

Cushion your disks for safe transport



Fragile disks are protected whenever they must be carried from one place to another because of the unique features of this portable filing system. Crimped pockets cushion each disk to prevent wrinkles or bends. And finding the disk you need is easy with the aid of color-coded index stripes on each pocket. File organization is simplified by an index on the outside spine for listing disks. The floating axle design eliminates additional stress if the binder is dropped. A Velcro fastener ensures that the vinyl cover stays securely closed.

92191F Portable album file for 3.5-inch disks. Capacity: 20 disks.

(1 unit)	\$43.00 ea.
(2-4)	40.00 ea.
(5+)	37.00 ea.

92194G Portable album file for 5.25-inch disks. Capacity: 20 disks.

(1 unit)	\$43.00 ea.
(2-4)	40.00 ea.
(5+)	37.00 ea.

Reduce visual clutter with matching designs



Shelve your disks in library album books designed to duplicate the size, color and style of your boxed software manuals. Your 3.5-inch disks slide into vinyl album pages; the album fits inside a cloth-covered box. Complete with 10 static-resistant vinyl pages.

92191H Library album book for 3.5-inch disks. Capacity: 20 disks.

(1-4 books)	\$26.00 ea.
(5+)	19.00 ea.

Increase capacity by adding album pages

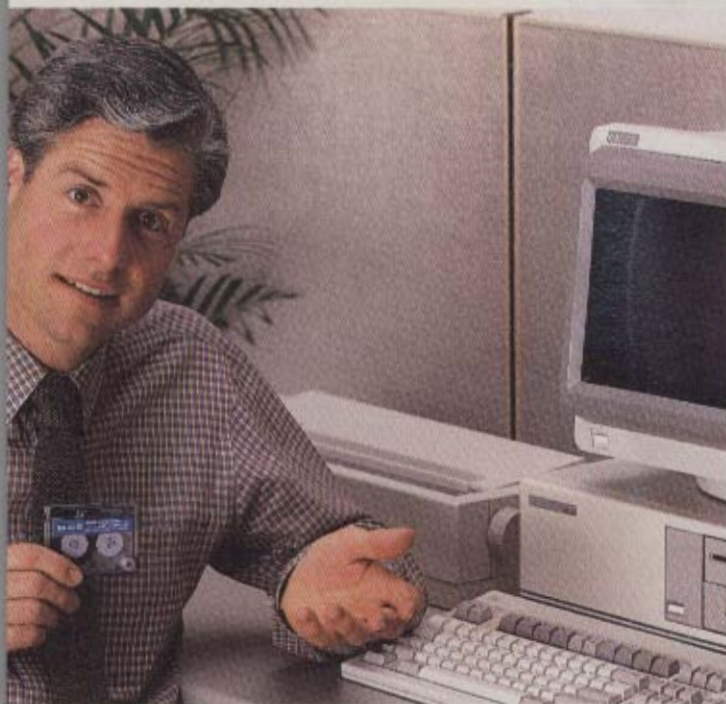
Expand the capacity of your 92191H library album book by adding more static-resistant vinyl pages. File cards are included to help identify each disk.

92191L Package of 20 pages for 3.5-inch disks. For use with 92191H. Capacity: 40 disks.

(1 pkg.)	\$26.00 pkg.
(2-4)	23.00 pkg.
(5+)	21.00 pkg.



Choose HP Tape Cartridges for fast, easy, reliable backup— They're designed expressly for your HP tape drive!



Built-in compatibility means you get total backup security with HP quarter-inch Tape Cartridges.

We engineered and tested HP Tape Cartridges expressly for HP Tape Drives. But that built-in compatibility is just one of the reasons these tape cartridges are the safest choice you can make for your valuable backup files. HP Tape Cartridges also stay cleaner, increase drive head life and improve backup speed.

The most trouble-free tape ever made HP Tape Cartridges feature a carbon backcoating over the length of the tape. This backcoating cuts the static build-up which can attract dust. The tape stays cleaner, putting less wear on your drive head. That means both the tape and the drive last longer. It also means faster, safer backups. Dust and debris keep a drive head from writing accurately. So it tries again. And again. By staying cleaner than other tapes, HP Tape Cartridges actually save you backup time. They also reduce the chance of "read" errors if you ever have to reconstruct your files.

Certified & preformatted—you save an hour per tape You can use HP Tape Cartridges as is, right from the package, reducing backup time.

Choosing just any tape cartridge for your HP Tape Drive could increase backup time, hurt your drive's longevity, and, most important, compromise your data. For worry-free, convenient backups, select the tapes that have been 100 percent mechanically and electromagnetically tested for your HP Tape Drive—HP Tape Cartridges.

See the next page for formatted or unformatted quarter-inch HP Tape Cartridges for your drive. They're only a toll-free telephone call away.

How to choose the right HP data cartridge for your HP tape drive.

HP tape drive model no.	HP data cartridge Product no.	Storage Capacity
35401A, 7908/11/12/14, 7942A, 7946A, 9144A, and 9145A (read only, doesn't write)	88140LC* 88140SC*	67 Mbyte 16 Mbyte
82161A Digital cassette drive	82176A	128 Kbyte
9142A tape drive	92242L* 92242S*	60 Mbyte 15 Mbyte
HP 1000 & 3000 computer systems; HP series 264X display terminal; HP 85A, 9815A/S, 9825A/S, 9831A/B (system 35), 9835, 9845A/B/C/S/T (system 45) Desktop computers; 9875A, 9877A Tape Units; and 9915 opt. 001 Modular computer	98200A	96 Kbyte to 250 Kbyte on mainframe
D1671A tape drive	92192T	40 Mbyte
D2054A tape drive	92192U	120 Mbyte
9145A tape drive	92245L 92245S	133 Mbyte 32 Mbyte
Model 1300 H/S	92283A	1.3 Gbyte

*88140LC/SC and the 92242L/S data cartridges are not interchangeable. The 92242L/S cartridges work only with the 9142A drive.

For storage accessories, see page 96.

For high capacity storage, there's no higher standard than HP Data Cassettes

HP Data Cassettes represent a new standard in high-capacity magnetic media. They are designed for use with the Digital Data Storage (DDS) format tape drives to give you the perfect combination for high performance, high capacity backup.

Capable of holding 1.3 Gigabytes (that's over a billion bytes), HP Data Cassettes meet the most demanding high-capacity storage needs. Whether you're backing up an HP commercial system or technical workstation on an HP DDS tape drive, HP Data Cassettes have the space to get the job done.

Engineered to the exacting standards required for DDS-format tapes, then checked by HP for full compatibility with our DDS tape drives, our Data Cassettes are the ones to trust for your critical backup needs.

92283A HP Data Cassettes (1.3 Gigabyte capacity).

Five per box.

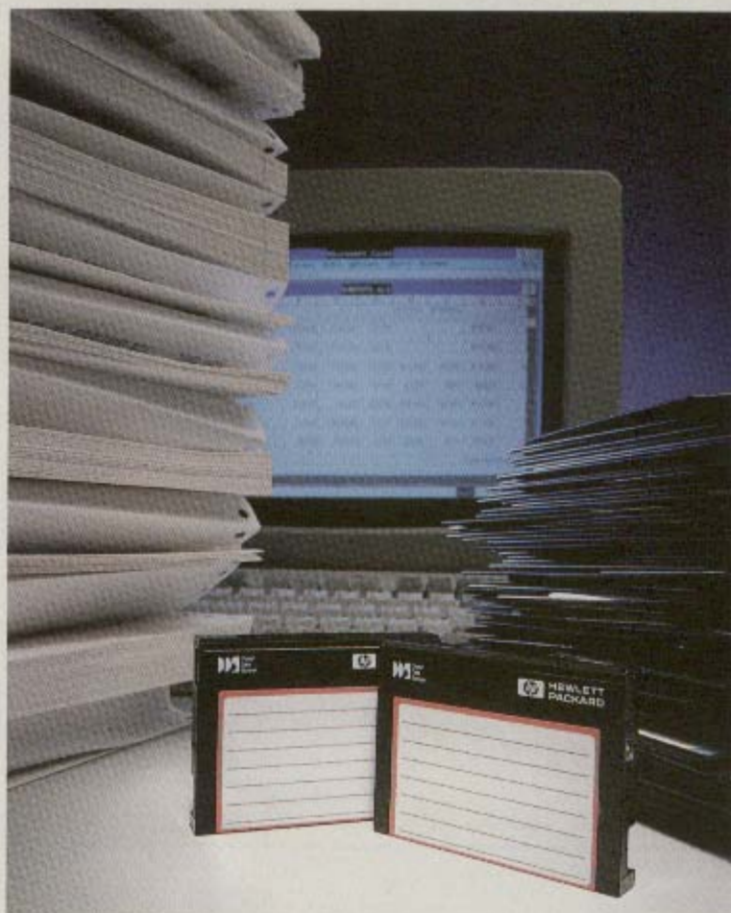
(1 box)	\$75.00 box
(2-4)	69.00 box
(5-9)	65.00 box
(10-99)	60.00 box
(100+)	55.00 box

Number of tapes



HP 9145A HP 7978A HP 7980A Model 1300 H/S

Compared to traditional magnetic media, HP Data Cassettes provide a significant boost in storage capacity.



Though remarkably compact, our 1.3 Gigabyte HP Data Cassettes can back up mountains of information from workstations or multi-user systems with ease.

High performance, high capacity 120 Mbyte cartridges for your D2045A drive

Our new 120 Mbyte pre-formatted Data Cartridges are designed specifically for your HP D2045A Cartridge Drive. In fact, they're HP Certified—and that's vital assurance when you're backing up so much data on a single tape.

Because our cartridges are pre-formatted and certified, you can put them right to work. No need to tie up your drive for hours just to format them.

High capacity means you can back up more data without stopping. And, it reduces storage space—so you can maintain a regular backup routine without running out of room. To back up an individual PC or a network file server, there's one choice: dependable HP-Certified 120 Mbyte Data Cartridges. 

92192U 120 Mbyte Pre-formatted Certified Data Cartridges. Five per box.

(1 box)	\$195.00 box
(2-4)	177.00 box
(5-19)	166.00 box
(20+)	156.00 box

Get the most from your HP D2045A Cartridge Drive—use HP 120 Mbyte cartridges.



Choose our high-density cartridges for the times when reliable backup is critical

If you need the assured reliability of pre-certified tapes, these tapes are for you.

These high-density data cartridges are formatted and certified for dependable backup with HP 7908/11/12/14, 9144A, 7942A, 7946A and 35401A tape drives.

They're ideal for data exchange among HP systems, plus software distribution and data/transaction logging.

And because they're already certified, you save from 15 to 75 minutes per tape. Formatted into 1 Kbyte user data blocks.

88140LC 67 Mbyte (formatted), 600-foot Tape Cartridge. Five per box.

(1 box)	\$219.00 box
(2-4)	207.00 box
(5-19)	192.00 box
(20-99)	185.00 box
(100+)	178.00 box

88140SC 16 Mbyte (formatted), 150-foot Tape Cartridge. Five per box.

(1 box)	\$169.00 box
(2-4)	159.00 box
(5-19)	149.00 box
(20+)	142.00 box



Take care to order the correct tape for your drive—this cartridge cannot be used interchangeably with the 92242L/S.



Clean as a whistle for secure Vectra backups

A carbon backcoating over the length of the Vectra 40 Mbyte Tape Cartridge cuts dust-attracting static build-up. By staying cleaner, the tape puts less wear on the drive head, saves backup time and reduces the chance of read errors. For use with the D1671A drive.

92192T Vectra 40 Mbyte (formatted) Tape Cartridge. Five per box.

(1 box)	\$175.00 box
(2-4)	159.00 box
(5-19)	149.00 box
(20+)	139.00 box



Two reliable choices for HP 9145A drives

Trust your valuable data to these cartridges, engineered and tested expressly for the HP 9145A drive.

92245L 133 Mbyte (formatted) Tape Cartridge. Five per box.

(1 box)	\$239.00 box
(2-4)	224.00 box
(5-19)	209.00 box
(20+)	199.00 box

92245S 32 Mbyte (formatted) Tape Cartridge. Five per box.

(1 box)	\$189.00 box
(2-4)	177.00 box
(5-19)	165.00 box
(20+)	157.00 box

Free host time with off-line certification

Designed for HP 9142A drives only, these tapes can be formatted, initialized and certified off-line without tying up your HP 150, Vectra or IBM PC/XT/AT.

92242L 60 Mbyte (unformatted) Tape Cartridge. Five per box.

(1 box)	\$189.00 box
(2-4)	175.00 box
(5-19)	165.00 box
(20+)	155.00 box

92242S 15 Mbyte (unformatted) Tape Cartridge. Five per box.

(1 box)	\$139.00 box
(2-4)	127.00 box
(5-19)	120.00 box
(20+)	113.00 box



Count on these tapes for rugged durability

Select our Mini Data Cassettes or Mini Data Cartridges for a variety of HP computer systems and tape units (see chart on page 93 for compatibility).

82176A 128 Kbyte Mini Data Cassettes.

10 per package \$95.00 pkg.

98200A Mini Data Cartridges. Five per box.

(1 box)	\$110.00 box
(2-4)	99.00 box
(5-19)	88.00 box
(20+)	78.00 box

Secure data cartridges in this durable locked tray

Keep your 88140LC/SC and 92242L/S data cartridges safe and organized in this handsome storage tray. Features a key-locking, removable lid, which nests under the base when not in use. Constructed of durable high-impact plastic with transparent anti-static acrylic lid. Cream-colored base with molded slots holds up to 10 data cartridges securely in place.

92187F Data Cartridge Tray for use with 88140LC/SC and 92242L/S data cartridges.
(1-2 units) \$45.00 ea.
(3-6) 42.00 ea.
(7+) 39.00 ea.



Organize your 88140LC/SC or 92242L/S data cartridges in this handsome storage tray.



Albums make data cartridges easy to store, easy to carry

Now you can store and transport your 88140LC/SC and 92242L/S data cartridges in a dust-free album that helps eliminate the mishandling and misplacing of individual cartridges. The albums are constructed of sturdy vinyl and hinged for easy access. Each album holds four cartridges.

92167L Storage Album for use with 88140LC/SC or 92242L/S data cartridges.
(1 pkg. of 5 albums) \$34.00 pkg.
(2-4) 31.00 pkg.
(5+) 29.00 pkg.

Organize up to 18 mini data cartridges under lock and key

Here's a convenient way to organize your 98200A or 92192T mini data cartridges, while protecting them from dust, spills and "casual borrowing." This locking tray includes tabbed dividers and labels for quick identification and access, and a back-up key in case you misplace the original. A detachable hinge lets you nest the clear acrylic, anti-static lid under the cream-color, high-impact plastic base, cutting desk-top clutter so you have room to get down to business.

92192Q Data Cartridge Tray for use with 98200A or 92192T mini data cartridges.
(1-2 units) \$45.00 ea.
(3-6) 42.00 ea.
(7+) 39.00 ea.



File your HP Rewritable Optical Disks in our handy rack

Don't settle for make-shift storage solutions for your valuable optical disks!

Our Optical Disk Rack is custom designed to protect and organize ten at a time. Constructed of handmade oak, it adds warmth to your workplace.

And because it's compact, you can lock it away in a drawer or cabinet for an extra measure of security.

92278A HP Optical Disk Storage Rack \$59.00 ea.

Safeguard HP Rewritable Optical Disks! This Drawer Insert lets you lock them away

Each Drawer Insert holds ten disks in slanted slots for easy access.



Protect the valuable data on your HP Rewritable Optical Disks from loss, theft and damage with these ingenious Optical Disk Drawer Inserts.

Molded of sturdy plastic, our Inserts hold up to ten disks each. Two can fit into the lockable drawer of your Design Plus Mini-Rack (see the 92211F Drawer Unit and 92211R Mini-rack on page 105—the Mini-rack is excellent support for your HP Optical Drive).

92211H HP Optical Disk Drawer Insert
(1-2) \$55.00 ea.
(3+) 50.00 ea.

Safeguard up to twenty disks by locking two Drawer Inserts into your Mini-Rack.



HP Workstation Users! Are you interested in:

- Add-ons, upgrades and peripherals for your HP Workstation?

HP 3000 and 1000 Users! Are you interested in:

- Money-saving HP 3000 or HP 1000 peripherals and accessories?

If you're interested in information on the newest HP Workstation add-ons, upgrades and peripherals -- OR -- re-manufactured peripheral equipment for HP 3000 and 1000 systems at substantial savings, then please complete and return the postage-paid card below.

We want to hear from you!

YES -- I'M INTERESTED

Mr. / Ms. / Dr. First _____ M.I. _____ Last _____
(Circle one)

Title _____ Company _____ Dept. / Bldg. / Mail Stop _____

Street Address _____

City _____ State _____ Zip _____

Telephone: Area Code () _____ Extension _____

Tell us about yourself:

- 00 ☐ I am the user of supplies & equipment
04 ☐ I purchase supplies & equipment for others

AP00 ☐ I'm interested in HP/Apollo
Add-ons, Upgrades and Peripherals

Types: _____

R000 ☐ I'm interested in re-manufactured
HP 3000/1000 Peripheral Equip.

Types: _____

Which equipment do you own/use?

- 0300 ☐ HP 9000/Series 300
0400 ☐ HP 9000/Series 400
AP05 ☐ Apollo Workstation

Which equipment do you own/use?

- 1000 ☐ HP 1000
3000 ☐ HP 3000/Series 40-70, 930, 950
3037 ☐ HP 3000/Series 37, Micro 3000

ATTENTION:

HP Workstation and HP 3000 and 1000 Users!

Are you interested in either of the following:

- Add-ons, upgrades and peripherals for your HP Workstation?
- Money-saving HP 3000 or HP 1000 peripherals and accessories?

We Want To Hear From YOU!

**Fill out and return
the postage-paid card TODAY!**



HEWLETT
PACKARD

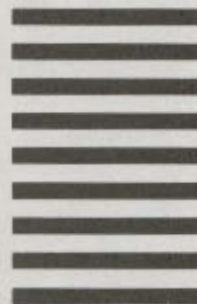


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HEWLETT-PACKARD
HP DIRECT
PO BOX 611298
SAN JOSE, CA 95161-9888

Here's the half-inch tape that came in first, test after test. Choose it for superior HP tape drive performance!

You can be sure that your HP tape drive turns in a winning performance time after time by selecting HP half-inch magnetic tape. Why? Because this is the tape that beat out every other major half-inch tape on the market during six months of testing.

We invested time and money in these tests because we weren't comfortable recommending just any ANSI specified tape for our drives. And you shouldn't be comfortable using just any tape either.

After all, a tape may work perfectly on one drive but not on another because of differences in the head, tape path and/or electronics.

But thanks to our extensive testing, you can be satisfied that this tape does more than just "match" your HP drive. It actually optimizes drive performance, eliminating the "skip and rewrite" problems inferior tape can cause.

We tested 26 tapes in the same way on the same HP tape drive for 220 full reel passes. Then we tested for wear, environmental and magnetic properties. This is the one tape that passed all our tests with flying colors. And it's setting new standards for signal quality, cleanliness and durability with customers such as NASA.

HP tape is inspected over every inch to assure that it's totally error-free, certified end-to-end for use through 6250 characters per inch, and warranted against defects for five years.

And you don't just have our word. You have our written warranty!

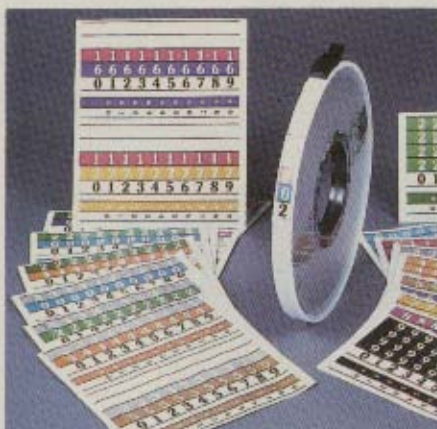
This magnetic tape sets new standards for signal quality, tape cleanliness and durability. We inspect it against errors, certify it for use through 6250 CPI, and give it a full five-year warranty. No wonder NASA chose it for the space program!



Magnetic tapes

Description	Systems	Product no.	Price
600 ft. (183m) tapes on reels, in seals 0.5 in. (12.7mm) wide, box of 10	HP 7970, 7971, 7974, 7976, 7978, 7979, 7980 Tape Drives and subsystems	92150D	(1 box of 10 tapes) \$135.00 box (2-5) 125.00 box (6+) 115.00 box
1200 ft. (366m) tapes on reels, in seals 0.5 in. (12.7mm) wide, box of 10	HP 7970, 7971, 7974, 7976, 7978, 7979, 7980 Tape Drives and subsystems	92150E	(1 box of 10 tapes) \$175.00 box (2-5) 165.00 box (6+) 155.00 box
2400 ft. (732m) tapes on reels, in seals 0.5 in. (12.7mm) wide, box of 10	HP 7970, 7971, 7974, 7976, 7978, 7979, 7980 Tape Drives and subsystems	92150F	(1 box of 10 tapes) \$229.00 box (2-5) 214.00 box (6+) 199.00 box

Mag tape care is easy with the right accessories



Mag tape labels and markers make it easy to index and file your entire tape library.

Prevent misfiling! Our simple color-coded numbering system will help you eliminate misfiles in your magnetic tape library. 1000 labels (numbered 0-999)

- Designed with pressure-sensitive labels, which are inserted into label area of Tape-in-Seal cartridges.
- Each label is provided with location tabs which can be used on library tape racks or cabinets to quickly identify filing spot.

92150L Mag Tape Color/Numbering Kit. \$98.00 ea.

Blank white adhesive labels.

For quick identification and indexing of your tapes and other items. Roll of 1000 labels.

92150K Magnetic Tape Reel Labels
(1-4 rolls) \$78.00 ea.
(5+) 74.00 ea.

Replace broken reels and keep extras on hand. Five 10.5 in. reels to a box. Clear plastic front. HP blue-colored back.

92150X Mag Tape Take-up Reels, 732m (2,400 ft.) capacity per reel (1 box of 5) \$30.00 bx.

Accurately adjust tape head alignment. Our Head Alignment Tape has tracks, recorded at 800 BPI, precisely located on its 183m (600 ft.) length. Used during testing or adjustment of 7 and 9 track head alignment on 12.7mm (0.5 in.) tape units. In protective canister.

9162-0027 Head Alignment Tape \$245.00 ea.

Conveniently mark your tape. These reflective, pressure-sensitive markers offer convenient tape beginning and ending indicators. 250 markers to a card.

92150M Mag Tape Sense Markers
(1-9 cards) \$10.50 ea.
(10+) 9.50 ea.

We ship same day

CALL HP DIRECT
800-538-8787

Mag tape storage solutions—portable or permanent



Carry 2400 ft. Mag Tapes easily with our Transport/Carrying Case. Holds up to four reels in either tape seals or Easy Load Cartridges. This case combines durable impact-resistant polyethylene construction on the outside with shock absorbing foam on the inside to ensure reliable protection when carrying or shipping your valuable data and software. Built-in hasp for your personal padlock. Dimensions: 40 H x 43.2 W x 16.5 D cm (15.8 H x 17 W x 6.5 D in.) Weight: 3.4 Kg (7.5 lbs.)

92150T Transport/Carrying Case
(1-2) \$79.00 ea.
(3+) 69.00 ea.

Efficiently store up to 300 tape reels. Our library Tape Storage Rack is designed to match our complete furniture line. It helps you utilize wall and floor space for high density tape storage at minimum cost. Up to 300 tape reels in seals may be stored in any combination of 600 ft., 1200 ft. or 2400 ft. reels. Construction is of welded steel. Color is cream-gray. Exterior dimensions: 200 H x 123 W x 33 D mm (79.5 H x 48.5 in. W x 13.2 D in.)

92272F Library Tape Storage Rack
(1) \$335.00 ea.
(2+) 308.00 ea.

Be sure to see pages 103-119 for our complete line of cabinets and furniture.



People with a lot on the line depend on HP rigid media. Here's why you should, too

You've already invested in a top-quality HP computer. You can help assure its smooth performance by using HP rigid disks exclusively.

HP disks are matched precisely to HP drives for smooth performance. In fact, we develop our drives and media at the same time. We make sure our disks' flatness, thickness, magnetic distribution, and thermal properties match the critical specs of our drives.

Your data's safe when you use HP rigid media.

The accuracy of the HP 7925 drive is an example why so much precision testing is essential for your data's safety.

This drive detects as many as 7.5 million data bits each second and flies 27 millionths of an inch off the media surface at over 100 miles per hour.

For an idea of the exactness required for smooth operation, see the drawing at right. When you see how tight the tolerance is, you'll understand why your media and drive should be as closely matched as possible.

You can trust because we test.

Here's how we test our rigid disks so you can trust them with your data:

- visually inspect raw disk platters for imperfections
- mechanically analyze them for flatness and smoothness
- electronically evaluate their magnetic properties
- balance them for vibration-free rotation
- mechanically analyze them again for flatness and smoothness
- burnish the disk surfaces
- magnetically purify all the surfaces

For precise read/write head positioning, we also write permanent servo code bands for HP drives in each pack. And because we control the manufacturing and testing, we can assure the accurate head positioning of HP media.

You'd never torture media like we do. We put our media through exhaustive electromagnetic data transfer testing under "worst case" conditions. We use a marginal head, well under spec, and we write a problematic data pattern over its entire



surface. If the inferior head can pick up the complex electrical transitions, the disk has proven its strength and we know you can rely on it.

We also guarantee that our disks have spare tracks on every surface so you can always count on getting sufficient memory.

Keep your system running smoothly by using only HP rigid disks.

See next page for rigid disk ordering information.

Store your rigid media in our multi-purpose rack. See pg. 118 for details.



Trust your system with HP rigid disks!

Assure 100 percent compatibility HP rigid disks are engineered and manufactured to exacting specifications that assure they match precisely with your HP drives. Our strict quality control keeps your data safe. And, HP rigid disks are 100 percent tested, so you can have peace of mind every time you load the disk in your system.

Rigid disks

Description	Systems	Product number	Price
2.5 Mbyte Disk Cartridge formatted front loading	HP 7900A, 7901A, 9880B, 12960A, 12961A, 30110A Disk Drives and Subsystems	12869A	(1-3 units) \$149.00 ea. (4-41) 127.00 ea. (42+) 116.00 ea.
9.8 Mbyte Disk Cartridge formatted front loading	HP 7905A, 7906H/M/S, 12962C/D, 13180A/B Disk Drives and Subsystems	12940A	(1-3 units) \$189.00 ea. (4-41) 171.00 ea. (42-99) 158.00 ea. (100+) 143.00 ea.
50 Mbyte Disk Pack removable formatted	HP 7920 H/M/S Disk Drives	13394A	(1-5 packs) \$560.00 ea. (6-19) 510.00 ea. (20+) 475.00 ea.
120 Mbyte Disk Pack removable formatted	HP 7925 H/M/S Disk Drives	13356A	(1-5 packs) \$905.00 ea. (6-19) 850.00 ea. (20+) 815.00 ea.
404 Mbyte Disk Pack removable formatted	HP 7935 Disk Drives	97935A	(1-4 packs) \$1250.00 ea. (5-19) 1210.00 ea. (20+) 1170.00 ea.

Removable disk is compact and compatible with the HP 1000/9000



20.5 Mbyte removable disk cartridge can be used with the HP 7907A Fixed/Removable Mass Storage Subsystem. Now you can interchange large volumes of data quickly and conveniently. In fact, with this 8-inch removable disk, you can copy data from the fixed disk in less than three minutes!

When security is essential, the removable disk can be taken off-line and stored in a safe place. Its protective jacket provides additional storage safety.

The HP 7907A drive is compatible with CS/80 and HP-IB. It's also available in an optional version that emulates the 7906M drive. The disk cartridge must be formatted before use.

97907A 20.5 Mbyte Removable Disk Cartridge	
(1 cartridge)	\$250.00 ea.
(2-5)	233.00 ea.
(6+)	210.00 ea.

We ship same day

CALL HP DIRECT
800-538-8787

Here's how cleaning prevents errors, downtime and permanent damage

Let's face it, the average work environment's a jungle for computer equipment. Even as you read, smoke, dust and other contaminants are attacking your media and drives, causing errors and possible permanent damage.

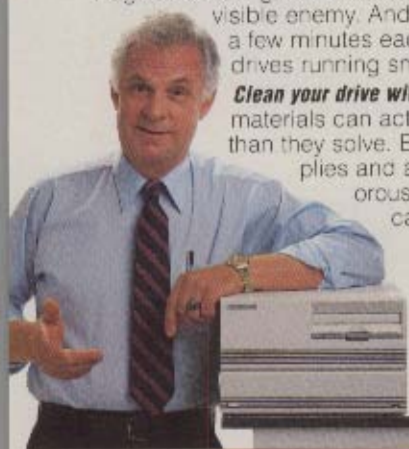
Plus, oxide from the tape itself chips off and sticks to heads, capstans and guides. This also causes read/write errors and reduces the life of your head and media.

You can't always see the dirt. A clear film of oxide or binder may form on your tape head without being visible. But you'll find out it's there when you lose data or your drives don't work!

Regular cleaning with the correct materials eliminates this invisible enemy. And cleaning is fast and easy. Just a few minutes each week will help keep your HP drives running smoothly for years to come.

Clean your drive with confidence. Incorrect cleaning materials can actually cause more problems than they solve. Eliminate the worry—use the supplies and accessories that have been rigorously tested on HP drives so you can trust them on yours.

Regular cleaning will not only protect your data and drives, it will save you the expense of downtime and damaged equipment. Follow our Helpful Ideas on this page and protect your investment the fast and easy way.



HELPFUL IDEAS!

By cleaning your drive's read/write head on a regular basis, you can prevent problems. Cleaning takes just a few minutes and will decrease the likelihood of downtime, lost data and damaged equipment.

When to clean under normal conditions—

- after every 10 reels of tape (about every 1.5 hours of continuous running).

Also clean if—

- tapes from outside your computer center are being read.
- new tapes with only one or two uses are being used. (New tapes pick up debris during manufacturing.)
- extended periods (days) of tape drive inactivity before use.
- there's an abnormal dust level in your computer center because of a delivery or equipment being moved.

How to clean your heads.



◀ If you use magnetic tape drives, apply the correct magnetic head cleaning solution to the head with a swab. Then clean all visible parts with a blower, cleaning solution and swabs.

If your system has an 8-inch or a 8.25-inch drive, use a cleaning disk. ▶



◀ If your system has a quarter-inch tape drive, use a cleaning cartridge.

Preserve top performance with HP cleaning products!

Cleans tape drives in a flash Cleaning the head on your HP 9144A, 9142A or 35401A tape drive is as easy as inserting a media cartridge. Our kit includes a cleaning cartridge, a supply of alcohol based cleaning solution, 13 foam pads, plastic tweezers, a cleaning maintenance record, plus instructions for each type of drive.

92281C Cleaning Cartridge Kit for quarter-inch tape drives (1 kit) \$45.00 ea.

Replenishment Kit for 92281C Cleaning Cartridge Kit. Includes a supply of alcohol based cleaning fluid, 24 foam pads, tweezers and a maintenance record. There's no need to replace the cleaning cartridge from the original kit.

92281D Replenishment Kit (1 kit) \$13.00 ea.

The ideal solution for cleaning your tape heads, tape paths, and other components. Simply moisten a cleaning swab with the Magnetic Head Cleaning Solution, and gently dissolve the residues that can impair performance. The alcohol-based formula is completely safe for cleaning tape heads, tape guides, pinch rollers, and capstans. The 12-ounce bottle has a flip-top for convenience, and helps prevent contamination of the solution.

92281B Magnetic Head Cleaning Solution (1-4 bottles) \$14.00 ea. (5+) \$12.00 ea.

Note: Solution not intended for use on plastic, rubber or vacuum column surfaces.

HP Head Cleaning Solution and cleaning wipes (see next page) work together to gently dissolve residues that affect tape head performance.



Clean your quarter-inch tape drives in a flash with the HP Cleaning Cartridge Kit.



See next page for more cleaning supplies!



Protect your hands from dirt and solvents

Keep your hands clean while cleaning your equipment. Each bag contains twenty-five pairs of plastic gloves.

92193B Cleaning Gloves	
(1-4 bags)	\$29.00 bag
(5+)	25.00 bag

Clean safely with non-abrasive lint-free wipes



Because our lint-free wipes won't bring abrasives into your tape's path, they're safe for all HP equipment surfaces. One bag includes 100 4 x 4-inch (10.2 x 10.2 cm) thermal-bonded polyester wipes.

92183W Lint-free Wipes	
(1-4 bags)	\$12.00 bag
(5+)	10.00 bag

Save time cleaning equipment



Our Premoistened Wipes add a new dimension of convenience to cleaning tape heads, tape paths, electrostatic plotters, and other equipment. The Premoistened Wipes are saturated in a solution of isopropyl alcohol and deionized water. Simply tear open the convenient foil packet, and remove the lint-free, non-abrasive wipes and you're ready to go.

92193N Premoistened Wipes (box of 80)	
(1 box)	\$24.00 ea.
(2-4)	21.50 ea.
(5+)	19.00 ea.



Soft, urethane foam-tipped swabs clean equipment gently but firmly

Use our wooden swabs for cleaning your high-density quarter-inch data cartridge transports with our 92193F cleaning solution. These swabs are non-abrasive and safe for your system. 50 swabs/box.

9300-0468 Lint-free Wooden Swabs	
(1-2 boxes)	\$15.00 ea.
(3+)	12.00 ea.

Use these plastic swabs with our 92193F magnetic head cleaning solution to clean the tape head and capstans in your HP 7908/11/12/14 tape transports. Non-abrasive swabs won't harm your tape path. 50 swabs/box.

9300-0767 Lint-free Plastic Swabs	
.....	\$27.00 box

Reduce downtime after cleaning



With HP's Compressed Air Cleaner, a few well-placed jets from the easy-to-use aerosol shortens drying time to a matter of moments, eliminating the possibility of cleaning fluid remaining, causing sticking or other interference with your data tapes. One box includes two 12-ounce cans.

92281E Compressed Air Cleaner	
(1 box)	\$21.00 ea.
(2-4)	\$19.00 ea.
(5+)	\$17.00 ea.

5.25-inch Kit



8-inch Kit



Clean your 8-inch or 5.25-inch drives with these easy-to-use kits

Clean your drive in less than two minutes without messy liquids! Just insert our cleaning disk in your drive and activate your system's initialize command or cleaning utility, which moves the head across the cleaning surface of the disk. Both kits include two double-sided cleaning disks good for 26 cleanings each, instructions and a storage case.

92193L Kit for 8-inch disk drives	
(1 kit)	\$36.00 kit
(2-4)	33.00 kit
(5+)	30.00 kit
92193K Kit for 5.25-inch disk drives (except the HP Vectra PC drives)	
(1 kit)	\$32.00 kit
(2-4)	30.00 kit
(5+)	28.00 kit

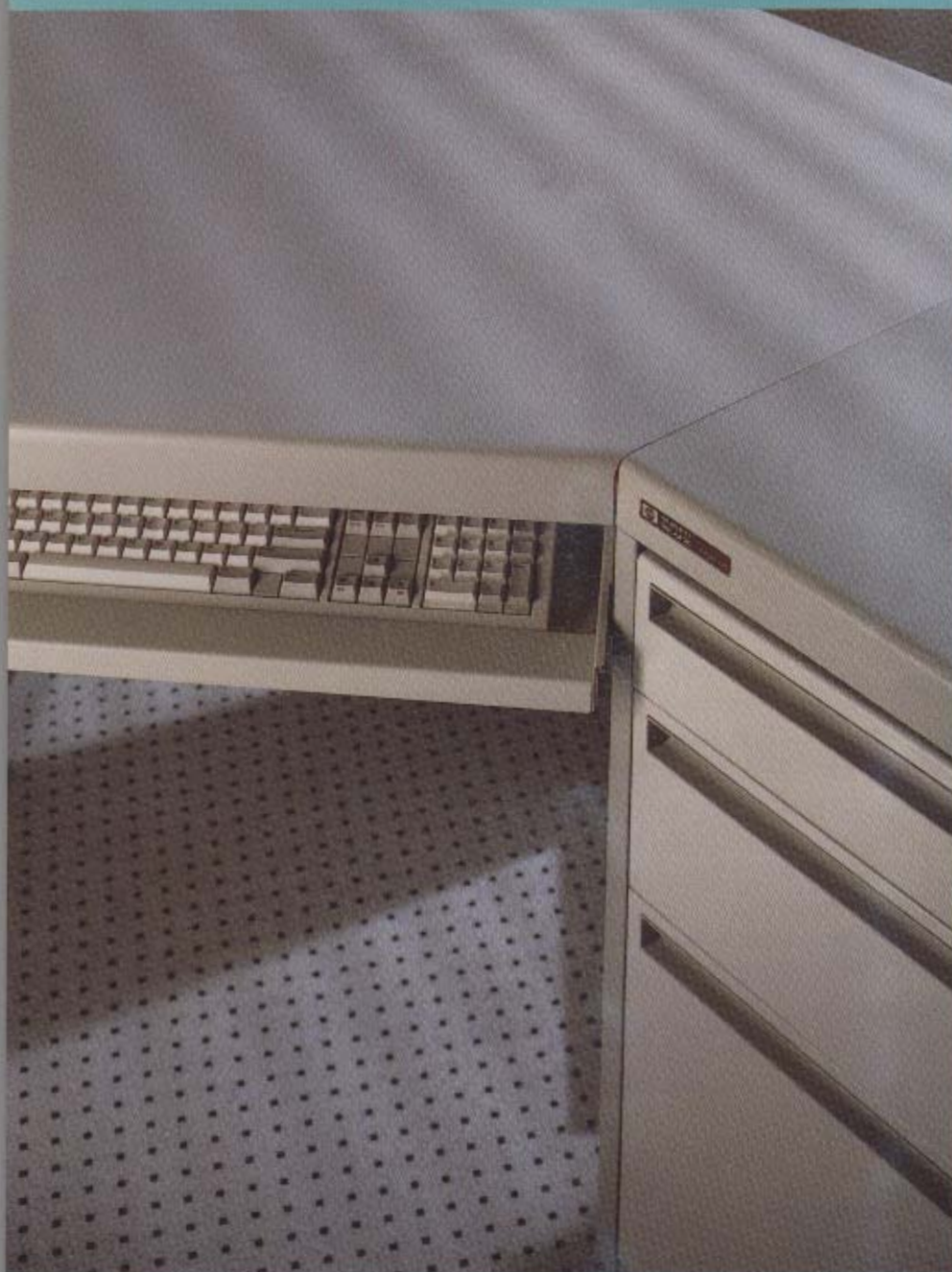


Keep video screen crystal clear

Clean your CRT terminal screens and other glass surfaces with two 4-ounce bottles of screen-cleaning solution, fifty 8 x 13cm (3 x 5 in.) lint-free wipes and one easy-pour dispensing cap.

92193V Video Clean Kit	
(1 kit)	\$17.00 ea.
(2-4)	16.00 ea.
(5+)	15.00 ea.

Furniture



Office & workstation furniture	104-115
Design Plus furniture	104-109
Standard furniture ...	110-113
Ergonomic chairs	116-117
Cabinets.....	118-119
Workstation accessories.....	118-123
Dust covers	124
Carrying cases.....	125
Security kits.....	126

HP furniture...intelligently designed for the work you do and the computers you use to do it. One such example is our Design Plus CAD workstation, developed specifically for optimal space utilization. Peruse the section ahead to learn more.



Design Plus...the logical solution for HP computers

You asked for computer furniture based on logic, and it's here: Design Plus. Observe its clean, utilitarian lines, perfectly coordinated with HP equipment and today's workplace. Each component works together, so reconfiguring workstations is simple. And Design Plus isn't just designed to suit the workplace—it's designed to fit the human body as well.

The design's just right We developed Design Plus System Tables in conformance with stringent ergonomic standards, for your optimal working comfort. That means no backaches from hunching, no tired arms from using your keyboard incorrectly.

Cabinetry is similarly well-conceived. Because their dimensions are perfect for HP CPUs, disk drives, tape backup systems and Design Plus Drawer Units, they function as part of an integral system.

And Design Plus Printer Stands combine fit with durability and mobility, *plus* ample space to store day-to-day supplies.

All cabinets and stands fit flush against or underneath

System Tables, and lock solidly into place. You enjoy additional work surface, uninterrupted by troublesome gaps or height discrepancies.

Design innovative, *plus* You can expect design logic in Design Plus, but there's more.

Look for infinite expandability, intelligent cable management, and attractive matte surfaces that resist scratches and stains while absorbing the glare of overhead lights.

You'll also find sturdy construction of high-grade wood materials, with die-cast metal legs that hold up to the weight of your equipment and the pressures of normal office moves.



CPUs, Disk Drives and Tape Back-ups fit so snugly into our Mini-rack Cabinets, you'd think they were built that way.



Tabletops slide and lock into position in seconds to form a sturdy, secure work surface.



Wire mesh cable management neatly routes cables along the back of tables, allowing equipment connections at convenient points.

CAD Workstation lets you stretch out and design in comfort

Keep your resources within convenient reach without overcrowding.

Our spacious CAD Workstation lets you extend your work area instantly with a 36-inch pull-out surface, and tuck your keyboard away when it's not in use.

The Corner Turn and Medium System Table offer space for reviewing reference materials. The two Mobile Mini-racks offer extra work surface *plus* off-table storage for CPUs and mass storage.

Get our Ergonomic Task Lamp for non-glare light that's easy on your eyes, and our Drawing Holder to hold "C" and "D" size drawings at eye-level. You never worked smarter!

This configuration incorporates:

92214B Medium System Table

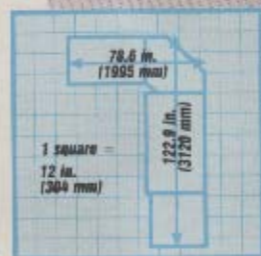
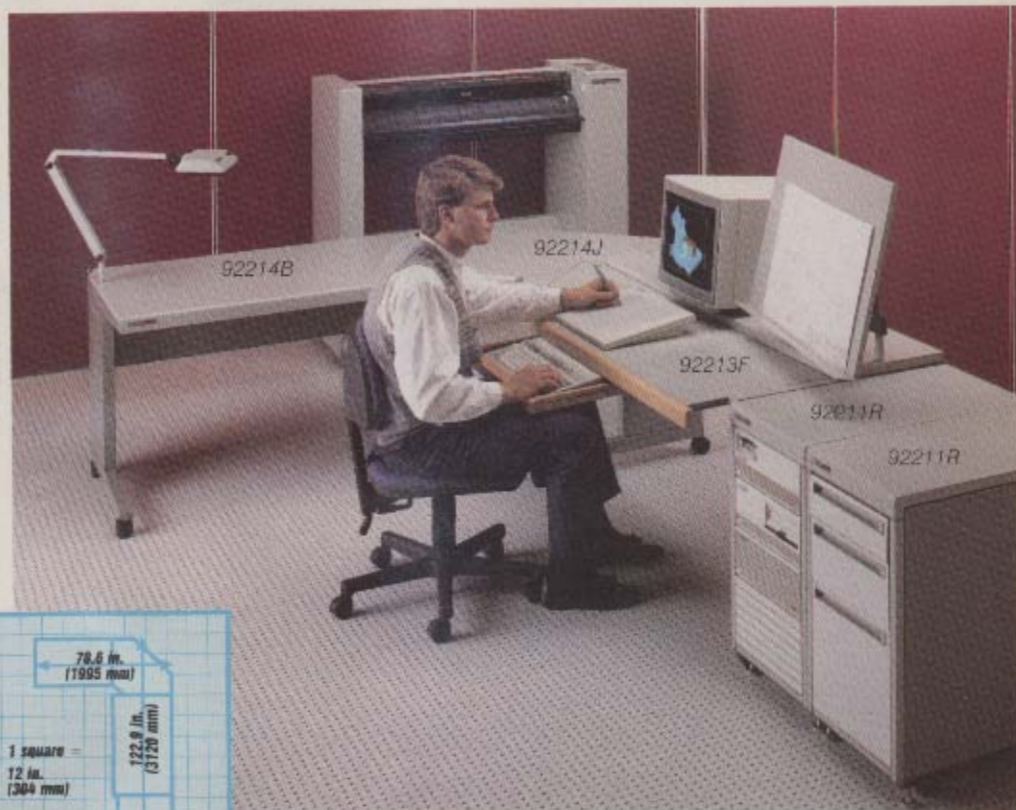
922130 Desk Lamp

92214J Corner Turn

92213F CAD Workstation

92213D "C" and "D" Sized Drawing Holder

92211R Mini-rack (two units—refer to pages 106-107 for filler panels and drawers for the 92211R)



CAD Corner handles jumbo monitors and expansive drawings

Our CAD Corner Workstation supports oversized monitors, and fits perfectly between a Medium System Table and Mobile Mini-rack System Cabinets.

Mini-racks and Drawer Units keep peripherals and files within easy reach while offering table-top space, as do the Corner Turn and Mobile Support Table.

Illuminate it all with the cool, non-glare light of our Design Plus Desk Lamp. The result? A U-shaped configuration that optimizes CAD ease and efficiency.

This configuration incorporates:

92214A Mobile Support Table

92214J Corner Turn

922130 Desk Lamp

92214B Medium Table

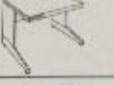
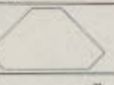
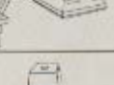
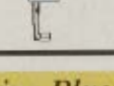
92214K CAD Corner Workstation

92211R Mini-rack (three units—refer to pages 106-107 for filler panels and drawers for the 92211R)

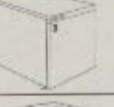
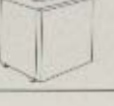


See the charts on page 106 and 107 for the components you need.

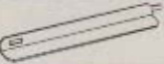
Design Plus Workstation Furniture

	Description	Height	Width	Depth	Product no.	Price
	<i>Design Plus CAD Mini-Workstation.</i> For use with the HP 9000 Series 300/500 computers. Comes with 362mm (14.25 in.) wide raised monitor platform, pull-out work surface that extends to 914mm (36 in.) deep, pull-out keyboard drawer and cable management. Same height as 92211R mobile mini-rack; 92211LM fits underneath.	720mm (28.4 in.)	1125mm (44.3 in.)	711mm (28.0 in.)	92213B	(1-2) \$649.00 ea. (3+) 799.00 ea.
	<i>Design Plus CAD Workstation</i> is designed for use with HP CAD systems. It comes with a pull-out work surface, keyboard drawer, raised monitor platform and cable management. It attaches to other <i>Design Plus</i> furniture.	720mm (28.4 in.)	1500mm (59.0 in.)	711mm (28.0 in.)	92213F	(1-2) \$899.00 ea. (3+) 849.00 ea.
	<i>Design Plus CAD Corner Workstation.</i> Perfectly fitted for use with HP CAD systems. Workstation comes with a keyboard drawer, two adjoining brackets and cable management. It can be joined to <i>Design Plus</i> furniture.	720mm (28.4 in.)	1125mm (44.3 in.)	1125mm (44.3 in.)	92214K	(1-2) \$899.00 ea. (3+) 849.00 ea.
	"C" and "D" sized Drawing Holder. Mounts to the monitor platform of the 92213B/F CAD table. Two-section arm for height and tilt position extends from 330mm (13.0 in.) to 565mm (22.25 in.)	508mm (20.0 in.)	762mm (30.0 in.)	6mm (2.6 in.)	92213D	(1-2) \$219.00 ea. (3+) 199.00 ea.
	<i>Design Plus Mobile Terminal Support and Transport System Table.</i> Designed to safely move terminals and small systems. Comes with cable management, locking casters, and is same height as 92211R mobile rack system cabinet.	720mm (28.4 in.)	750mm (29.5 in.)	711mm (28.0 in.)	92214A	(1-2) \$475.00 ea. (3+) 445.00 ea.
	Medium <i>Design Plus</i> System Table. Comes with cable management, locking casters, and is same height as 92211R mobile rack system cabinet.	720mm (28.4 in.)	1125mm (44.3 in.)	711mm (28.0 in.)	92214B	(1-2) \$525.00 ea. (3+) 495.00 ea.
	Large <i>Design Plus</i> System Table. Comes with cable management, adjustable leveling glides, and is same height as 92211R mobile rack system cabinet.	720mm (28.4 in.)	1500mm (59.0 in.)	711mm (28.0 in.)	92214C	(1-2) \$585.00 ea. (3+) 545.00 ea.
	90-degree <i>Design Plus</i> Corner Turn. Used for joining two system tables together for a larger work area; comes with two adjoining brackets. NOTE: not intended to support CAD monitors.	Each side:	711mm (28.0 in.)		92214J	(1-2) \$295.00 ea. (3+) 270.00 ea.
	<i>Design Plus Joining Bracket Kit.</i> For use on all <i>Design Plus</i> furniture pieces to anchor one to another. Comes with two brackets, needed screws, and instructions for assembly and use.	N/A	N/A	N/A	92211U	(1-2) \$40.00 ea. (3-9) 37.00 ea. (10+) 34.00 ea.
	<i>Design Plus Ergonomic Task Lamp.</i> Specifically designed for computer workstations. Two nine-watt emitters produce the same light as 80-watt incandescent. Lamp stem fits <i>Design Plus</i> tables. UL listed and CSA approved.	N/A	N/A	N/A	92213Q	(1-2) \$280.00 ea. (3-9) 260.00 ea. (10+) 240.00 ea.
	<i>Design Plus Lamp Clamp.</i> Designed for the <i>Design Plus</i> Lamp (92213Q). For use on non- <i>Design Plus</i> table tops. Maximum clamp opening is 127mm (5 in.) Use this clamp for HP standard tables.	N/A	N/A	N/A	92213R	\$28.00 ea.

Design Plus system storage and support furniture

	Description	Height	Width	Depth	Product no.	Price
	<i>Design Plus Mobile Sound Enclosure Cabinet.</i> For use with all 293X serial impact dot matrix printers. Rolls easily and sits level with all <i>Design Plus</i> tables. Features gas cylinder door lifts, locking casters, paper storage, paper catcher tray and print monitoring window. Designed for rear paper exit. Comes fully assembled.	720mm (28.4 in.)	750mm (29.5 in.)	500mm (19.7 in.)	92211C	(1-2) \$675.00 ea. (3-9) 640.00 ea. (10+) 620.00 ea.
	<i>Design Plus LaserJet Printer Cabinet.</i> Features a deep cabinet with a shelf to store months of daily printing supplies. Rolls easily and sits level with system tables. Comes assembled.	720mm (28.3 in.)	508mm (20.0 in.)	711mm (28.0 in.)	92211D	(1-2) \$385.00 ea. (3-9) 365.00 ea. (10+) 345.00 ea.
	<i>Design Plus Universal Support Stand.</i> For use with HP LaserJet, HP 2932/33/34, HP 2563A printers and small HP plotters. Comes with printout catcher shelf, casters and leveling glides. Has slot in top for bottom feeding and slot in door for front feeding. Also has sound control pads inside.	720mm (28.4 in.)	600mm (23.6 in.)	450mm (17.7 in.)	92214P	(1-2 units) .. \$295.00 ea. (3+) 265.00 ea.
	<i>Design Plus Mobile Support Cabinet.</i> Rolls easily under the 92214B/C <i>Design Plus</i> system tables. Can be used as a stand-alone system cabinet for the HP 9000 Series 200/300/500. Comes with two sets of mounting rails, cable routing kit (92199F), and two storage shelves. Internal dimensions are 325 W x 520 Hmm (12.8 W x 20.4 H in.)	620mm (24.4 in.)	425mm (16.7 in.)	525mm (20.7 in.)	92211L	(1-2) \$310.00 ea. (3-9) 290.00 ea. (10+) 270.00 ea.
	<i>Design Plus Small Mobile Support Cabinet.</i> Rolls under the 92214B/C system tables. Can be used as a stand-alone system cabinet for the Series 200, Model 237 or 300. Comes with one set of mounting rails, a cable routing kit, and a pad to put under the Model 237. Internal dimensions are 325 W x 338 Hmm (12.8 W x 13.26 H in.)	435mm (17.1 in.)	425mm (16.7 in.)	425mm (16.7 in.)	92211M	(1-2) \$260.00 ea. (3-9) 230.00 ea. (10+) 210.00 ea.

Design Plus system storage and support furniture (continued)

	Description	Height	Width	Depth	Product no.	Price
	<i>Design Plus Mobile Drawer Unit.</i> Rolls easily and sits next to all <i>Design Plus System Tables</i> (also same height as tables). Comes with three drawers, 104mm, 156mm, and 312mm (4 in., 6 in., and 12 in.)	720mm (28.4 in.)	375mm (14.8 in.)	711mm (28.0 in.)	92211N	(1-2) \$745.00 ea. (3-9) 705.00 ea. (10+) 665.00 ea.
	<i>Design Plus Mobile Mini-Rack System Cabinet</i> for HP modular peripherals and systems. Comes fully assembled with casters. Back opens for easy access. Accessories available are the 92211S mounting rail and module lock kit, 92211T filler panel kit, and 92199B power strip. Internal dimensions are 325 W x 572 Hmm (12.8 W x 22.44 H in.)	720mm (28.4 in.)	375mm (14.8 in.)	711mm (28.0 in.)	92211R	(1-2) \$585.00 ea. (3-9) 550.00 ea. (10+) 515.00 ea.
	Large (12 inch) Drawer Unit for 92211R mobile mini-rack system cabinet. Designed for easy installation and constructed of sturdy metal. Comes with its own key lock.	outside dimensions: 305mm 324mm 473mm (12 in.) (12.75 in.) (18.62 in.) inside dimensions: 173mm 286mm 471mm (11.62 in.) (11.25 in.) (18.54 in.)			92211G	(1-2) \$159.00 ea. (3-9) 149.00 ea. (10+) 139.00 ea.
	Medium (6 inch) Drawer Unit for 92211R mobile mini-rack system cabinet. Designed for easy installation and constructed of sturdy metal. Comes with its own key lock.	outside dimensions: 152mm 324mm 473mm (6 in.) (12.75 in.) (18.62 in.) inside dimensions: 143mm 286mm 471mm (5.62 in.) (11.25 in.) (18.54 in.)			92211F	(1-2) \$149.00 ea. (3-9) 139.00 ea. (10+) 129.00 ea.
	Small (4 inch) Drawer Unit for 92211R mobile mini-rack system cabinet. Designed for easy installation and constructed of sturdy metal. Comes with its own key lock.	outside dimensions: 102mm 324mm 473mm (4 in.) (12.75 in.) (18.62 in.) inside dimensions: 92mm 286mm 471mm (3.62 in.) (11.25 in.) (18.54 in.)			92211E	(1-2) \$139.00 ea. (3-9) 129.00 ea. (10+) 119.00 ea.
	Rail Kit for 92211R mobile mini-rack cabinet. Comes with four sets of rails and module locks. Used to mount up to four HP computer and peripheral equipment modules.			Rail length: 638mm (25.1 in.)	92211S	(1-2 kits) \$50.00 ea. (3-9) 45.00 ea. (10+) 40.00 ea.
	Filler Panel Kit for 92211R mobile mini-rack cabinet. Kit contains 20 snap-in panels used to fill empty space not occupied by computer equipment modules.	23mm (0.9 in.)	325mm (12.8 in.)	23mm (0.9 in.)	92211T	(1-2 kits) \$40.00 ea. (3-9) 35.00 ea. (10+) 30.00 ea.

Design Plus furniture compatibility guide

Equipment	Recommended cabinet
HP 9000 Series 300	92211R Mini-rack system cabinet.
HP 3000 Series 37, MICRO 3000, MICRO 3000 XE	Comes mounted in 92211R cabinet. For larger configurations of disk and tape support, order an additional 92211R cabinet.
HP 9000, Series 300	92211L Mobile support cabinet. Computers mount in cabinet. Has space for two additional disk or tape peripherals.
HP 9000, Series 300	92211M Small mobile support cabinet. Computer sits on top of cabinet. Two additional disk or tape peripherals will mount in cabinet.
HP 7942/46, 795XB, 795XS, 796XB, 926XB, 9144A, 9145A, 35401A mass storage devices	92211L Mobile support cabinet, 92211M small mobile support cabinet and 92211R mobile mini-rack. NOTE: These cabinets can accommodate peripheral devices up to 325mm (12.8 in.) wide.

Slide this Euro-style lamp into your Design Plus desktop. Unique louvers focus cool light on your work—not in your eyes

From Germany, where designers mastered the science of comfort, comes a Task Lamp unlike any you've ever used.

Raise, lower, pivot or swivel it into position. It gives you all the light you need to read and work comfortably, even in low-lit areas. But what makes it superior is what it won't do.

It won't glare into your eyes, or onto your screen. Unlike a bare-bulb lamp, ours has a unique silver-coated grid that reflects and directs the soft light just where you want it.

It won't make you sweat. Two 9-watt fluorescent bulbs provide as much light as an 80-watt incandescent bulb. Yet they use 77 percent less energy, and stay perfectly cool.

And it won't waste a millimeter of your desktop space. Slip it into the opening on your *Design Plus* tabletop. Or attach it to our optional clamp.

Try the *Design Plus* Task Lamp and you'll agree—it makes all other lamps seem glaringly obsolete! Dimensions: 152 H x 305 W x 610 D mm (6 H x 12 W x 24 D in.). Bulb life: approximately 5 years.

92213Q Design Plus Ergonomic Task Lamp
(1-2) \$280.00 ea.
(3-9) 260.00 ea.
(10+) 240.00 ea.

92213R Lamp Clamp \$28.00 ea.



Optional Lamp Clamp provides support for surfaces up to 127mm (5 in.) deep.



At last, a truly ergonomic Task Lamp! Bulbs stay cool, louvers keep light out of your eyes...and it wastes zero desktop space!

Need versatile stands for your workplace? Get our Universal Support Stand for any office printer..or plotter!

Give your workplace a more coordinated look with our Universal Stand. It's perfect for most business printers and plotters, and ideal for the evolving needs of growing offices or departments.



Use it with HP LaserJet Printers
Place your printer on top and keep the movable shelf inside for daily supplies.



Use it with HP RuggedWriter Printers
Stock a full box of Z-fold paper inside—enough for months of output—and it feeds from behind.



Use it with HP 293X Printers
You'll appreciate the way the shelf can be moved outside to work as a paper-catcher.

Designed for versatility Our Stand features an inside shelf that slides outside for use as exterior paper tray—great for keeping output neatly stacked. It also has a slot on top for bottom-feeders like HP 293X Printers.

As for the inside of our Stand, you can use it two ways: Stock a box of Z-Fold paper for bottom-feed printers. Or stock your daily supplies—reams of paper, a dozen toner cartridges, a hundred fonts, or any combination thereof.

Built to last This Stand has rubber padding inside to absorb potentially damaging printer vibrations. Self-locking casters add mobility. And it's compatible with **Design Plus**, right down to the color, construction and height.

The Universal Support Stand comes pre-assembled for your convenience and measures 720 H x 600 W x 450 D mm (28.4 H x 23.6 W x 17.7 D in.).

92214P Universal Support Stand
(1-2) \$295.00 ea.
(3+) 265.00 ea.



Styled to match **Design Plus** furniture, padded to minimize vibrations, built to keep printer supplies you need where they're needed!

Turn empty space into useful space

These easy-to-install drawer units provide additional storage space in your 92211R HP Mobile Mini-rack Cabinet.

Mount your equipment in the cabinet, then add one, two or all three drawer units. It's perfect for documents, manuals, office supplies, tools or cables.

These attractive, sturdy metal drawers are available in 102mm, 152mm and 305mm (4-in., 6-in. and 12-in.) sizes, with key lock.

92211E 102mm (4 in.) Mobile Mini-rack Drawer Unit \$139.00 ea.
92211F 152mm (6 in.) Mobile Mini-rack Drawer Unit \$149.00 ea.
92211G 305mm (12 in.) Mobile Mini-rack Drawer Unit \$159.00 ea.

Design Plus CAD Corner Workstation handles jumbo monitors

If you use a large graphics monitor, this workstation's for you.

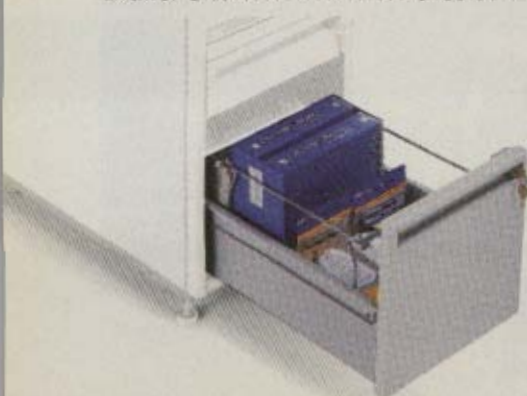
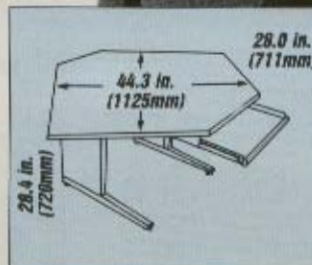
Designed expressly to accommodate an oversized monitor, the CAD Corner offers the same amount of desktop space as the 92213B CAD Mini-workstation (page 106).

Its die-cast metal legs support as much as 200 pounds—more than adequate for a graphics monitor and other computer peripherals.

Designed for a perfect fit between **Design Plus** components, this workstation features a convenient keyboard drawer, and cable management to keep your work area safe and neat.

Exterior dimensions are 720 H x 1125 W x 1125 D mm (28.4 H x 44.3 W x 44.3 D in.).

92214K Design Plus CAD Corner Workstation
(1-2 units) \$849.00 ea.
(3+) 799.00 ea.



Who says a printer cabinet has to cost more to be better? Not the designers of our printer cabinet!



Thanks to your input, we've revamped our HP LaserJet printer Cabinet.

We kept the quality—it's still sturdy as ever and perfectly compatible with your *Design Plus* furniture. It accommodates months of daily printing supplies. And it still has heavy-duty, lockable casters.

But our Cabinet now comes fully assembled, so you can use it the moment it arrives. And it's priced substantially less—less, in fact, than any other high-quality printer cabinet on the market today.

We even added a slot under the Cabinet top for easy attachment to other *Design Plus* components with our Bracket Kit (see page 106).

Shouldn't you add our HP LaserJet printer Cabinet to your workplace?

The printer Cabinet attaches firmly to Design Plus tables (like the 92214A pictured), and provides ample space for manuals, printer trays, toner cartridges, months' of paper, and fonts.



Our redesigned LaserJet printer Cabinet is ready to use, right out of the box!

92211D HP LaserJet printer Cabinet	
(1-2)	\$385.00 ea.
(3-9)	365.00 ea.
(10+)	345.00 ea.

Our big organizer for small spaces puts your HP LaserJet printer—and supplies!—on any table

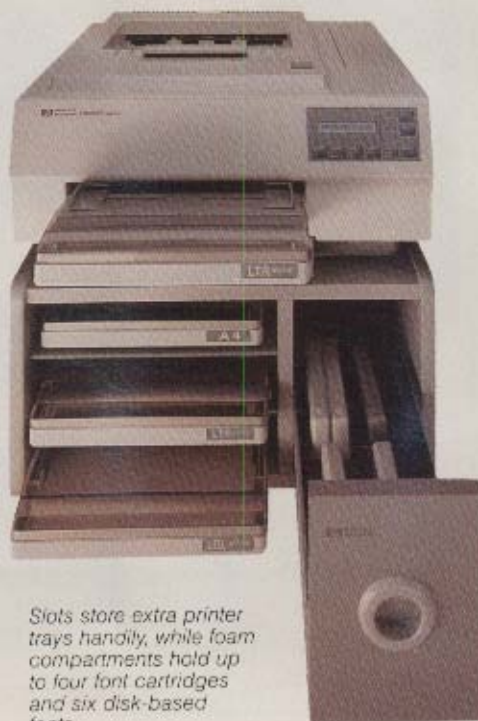


standing cabinet or printer stand?

No problem! Our compact Organizer positions your printer and supplies on a table or desktop.

It's custom-designed for your LaserJet's footprint, so our Organizer doesn't waste one inch of precious space. And it's designed to accommodate the supplies you need most often.

Consolidate your supplies Our Organizer has three slots underneath for legal and regular-size paper trays. It also has a drawer with foam compartments to hold up to



Slots store extra printer trays handy, while foam compartments hold up to four font cartridges and six disk-based fonts.

four font cartridges and a half-dozen soft-fonts in place.

Completely compatible The Organizer's quality construction, gray matte laminate finish, circular handle and contemporary design blend handsomely with *Design Plus* tables and cabinets.

Tough rubber molding on its edges protect your equipment by absorbing bumps and knocks. And the molding on the bottom minimizes skidding by creating additional friction.

The LaserJet printer Organizer comes assembled and ready to use. It measures 228.6 H x 457.2 W x 457.2 D mm (9 H x 18 W x 18 D in.).

92166J HP LaserJet printer Organizer	
(1-2)	\$149.00 ea.
(3-9)	141.00 ea.
(10+)	134.00 ea.

HP Standard Furniture combines durability, economy and flexibility

With HP Standard Furniture, it's easy and economical to create a work environment that looks attractive and runs smoothly. Our solidly-built furniture helps you organize your office or department's PCs, terminals, peripherals and resource materials for maximum productivity.

Building your HP Standard workplace is simple: Select what you need to promote efficiency today. As your requirements grow, add coordinated pieces to your initial workstation.

Assembly's easy, too—the only tool you need is a Phillips screwdriver. All mounting holes are pre-drilled/tapped, and all hardware and brackets are included.

And it's very easy to make your office attractive and professional-looking with HP Standard Furniture. It's simply styled and color-coordinated to match HP computers and peripheral products.

Easy to grow or change With HP Standard Furniture, you always have the freedom to expand or alter your work area to keep up with new challenges.

For example, you can add work space to either our Compact or Standard Workstation Tables with Work Surface Extensions. Or join tables together to make

convenient "L" or "U" shaped arrangements with triangular Workstation Table-top Connectors.

Mobile Drawer Units and Workstation Tables let you bring equipment and resources into your area at a moment's notice, then reclaim space by wheeling these components away. This mobility also makes it easy to share resources.

Ready access Other HP Standard Furniture components keep the tools of your trade close without making you feel crowded.

Storage areas are spacious, so even files and materials you use only occasionally don't have to be shuffled off to a remote location. Storage is also versatile—Suspended Drawer Units, for example, hold letter- and legal-size files as well as computer printout binders.

Desktop Storage Shelves include both a handy area for keeping paper and built-in message boards.



HP Furniture surfaces are smooth and glare-free, with durable rounded corners.



Workstation Table keyboard section adjusts to your height, preventing backstrain.

Our HP Standard CAD Corner is ideal for graphics monitors

You and your jumbo graphics monitor will feel right at home in this HP Standard CAD Corner Workstation configuration.

Designed expressly for an oversized monitor, the CAD Corner offers expansive desktop space for drawing and reference materials, but lets you slide away your keyboard when it's not in use.

Keep letter- and legal-sized files and computer printouts on hand with our versatile Suspended Drawer Unit.

And our Design Plus Desk Lamp increases lighting without glare problems. It attaches to the roomy Workstation Table with a Lamp Clamp.

This configuration incorporates:

92211K Workstation Table

92211J Workstation Table

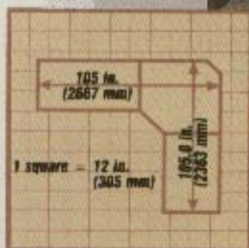
92210Q Suspended Drawer Unit

92210U CAD Corner Workstation

92213Q Desk Lamp

92213R Lamp clamp

See the chart on page 111 and 112 for the components you need.



Streamline printing and increase convenience with these sturdy Printer and Terminal Stands



Choose the 92210T stand for keyboarding comfort.

These two Stands are designed and color-coordinated to match your HP Standard Furniture Workstations and HP printers.

Our 92210P Printer Stand has a slot in its top that enables paper to flow smoothly into your printer from a bottom feed paper source. Also featured is a rear paper-catcher with a slot to facilitate convenient paper transport to rear feed printers. Cable management slots keep cables orderly and out of the way. The Stand also comes with a handy seven-inch shelf.

Our 92210T Mobile Workstation Table features self-locking casters for secure portability. It also has a dropped pull-out keyboard surface for working comfort and cable management slots.

92210P Printer Stand
(1-2 units) \$285.00 ea.
(3+) 265.00 ea.

92210T Mobile Workstation Table
(1-2 units) \$330.00 ea.
(3+) 305.00 ea.



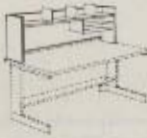
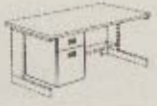
Get the 92210P stand for convenient printing.

HP Standard furniture

	Description	Height	Width	Depth	Product no.	Price
	Printer Stand. Design matches HP 92210 series workstation system. Convenient paper feed slot (102 x 483mm, 4 x 19 in.) in top allows bottom paper feed. Also features rear printout catcher with 38mm (1.5 in.) slot to allow paper transport to rear feed printers. Cable management slots. 178mm (7 in.) shelf standard.	686mm (27 in.)	762mm (30 in.)	610mm (24 in.)	92210P (see photo above)	(1-2 units) .. \$285.00 ea. (3+) 265.00 ea.
		470mm (18.5 in.)				
	Mobile Workstation Table for terminals. Design matches HP 92210 series workstation system. Features a dropped, pull-out keyboard surface. Cable management slots, locking casters and 178mm (7 in.) shelf standard.	720mm (28.3 in.)	762mm (30 in.)	712mm (28 in.)	92210T (see photo above)	(1-2 units) .. \$330.00 ea. (3+) 305.00 ea.
		670mm (26.4 in.)				
	Compact Workstation Table, with leg levelers and modesty panel. 7-in. (178 mm) shelf standard. See 92210L casters next page to adapt table height to 720mm (28.4 in.).	686mm (27.0 in.)	1220mm (48.0 in.)	762mm (30.0 in.)	92210A	(1-2 units) .. \$325.00 ea. (3+) 305.00 ea.
	Standard Workstation Table, with leg levelers and modesty panel. 178mm (7 in.) shelf standard. See 92210L casters next page to adapt table height to 720mm (28.4 in.).	686mm (27.0 in.)	1524mm (60.0 in.)	762mm (30.0 in.)	92210B	(1-2 units) .. \$380.00 ea. (3+) 360.00 ea.
	Compact Workstation Table, with leg levelers and modesty panel. 178mm (7 in.) shelf standard. 29 in. high to complement your 29 in. high standard furniture workstations.	736mm (29.0 in.)	1220mm (48.0 in.)	762mm (30.0 in.)	92211J	(1-2 units) .. \$325.00 ea. (3+) 305.00 ea.
	Standard Workstation Table, with leg levelers and modesty panel. 178mm (7 in.) shelf standard. 29 in. high to complement your 29 in. high standard furniture workstations.	736mm (29.0 in.)	1524mm (60.0 in.)	762mm (30.0 in.)	92211K	(1-2 units) .. \$380.00 ea. (3+) 360.00 ea.

Chart continued next page

HP Standard furniture (continued)

	Description	Height	Width	Depth	Product no.	Price
	Workstation Table with right-hand adjustable keyboard section. Leg levelers, modesty panel and 178mm (7 in.) shelf standard. Keyboard section starts 76mm (3 in.) from the right side, adjusts down a total of 53mm (2.1 in.) from table top and can be tilted 10 degrees from the horizontal. Manual adjustments. See 92210L casters next page to adapt table height to 720mm (28.4 in.).	736mm (29.0 in.)	1524mm (60.0 in.)	762mm (30.0 in.)	92210C	(1-2 units) .. \$445.00 ea. (3+) 405.00 ea.
	Adjustable keyboard dimensions 30mm 610mm 254mm (1.2 in.) (24.0 in.) (10.0 in.)					
	Workstation Table with left-hand adjustable keyboard section. Leg levelers, modesty panel and 178mm (7 in.) shelf standard. Keyboard section starts 76mm (3 in.) from the left side, adjusts down a total of 53mm (2.1 in.) from the table top and can be tilted 10 degrees from the horizontal. Manual adjustments. See 92210L casters next page to adapt table height to 720mm (28.4 in.).	736mm (29.0 in.)	1524mm (60.0 in.)	762mm (30.0 in.)	92210D	(1-2) \$445.00 ea. (3+) 405.00 ea.
	Adjustable keyboard dimensions 30mm 610mm 254mm (1.2 in.) (24.0 in.) (10.0 in.)					
	Work Surface Extension (return), with leg levelers and modesty panel. Fits right or left side of 92210B table, left side of 92210C , right side of 92210D . Requires use of "Z" bracket (included) when mounting on 92210C/D . Not for 92210A.	686mm (27.0 in.)	1016mm (40.0 in.)	610mm (24.0 in.)	92210E	(1-2) \$235.00 ea. (3+) 215.00 ea.
	CAD Corner Workstation Table, with leg levelers, modesty panel, and shelf. Also includes a pull-out keyboard shelf.	737mm (29.0 in.)	1143mm (45.0 in.)	762mm (30.0 in.)	92210U	(1-2) \$599.00 ea. (3+) 559.00 ea.
	Workstation Tabletop Connector. 90-degree triangle. Joins two 92210A/B/C/D tables together.	Each side	763mm (30.0 in.)		92210V	(1-2) \$155.00 ea. (3+) 145.00 ea.
	Desktop Storage Shelf for 92210A workstation table. Includes two book supports and back-wall message board. 279mm (11 in.) storage shelf adjusts from 381mm (15 in.) to 483mm (19 in.) above work surface of table. Convenient paper/storage shelf included.	584mm (23.0 in.)	1194mm (47.0 in.)	305mm (12.0 in.)	92210F	(1-2) \$265.00 ea. (3+) 245.00 ea.
	Desktop Storage Shelf for 92210B/C/D workstation table. Includes three book supports and back-wall message board. 279mm (11 in.) storage shelf adjusts from 381mm (15 in.) to 533mm (21 in.) above work surface of table. Convenient paper/storage shelf included.	584mm (23.0 in.)	1499mm (59.0 in.)	305mm (12.0 in.)	92210G	(1-2) \$285.00 ea. (3+) 265.00 ea.
	Desktop Storage Unit with wide-flipper door for 92210B/C/D workstation table. Includes lockable flipper door, back-wall fabric-covered message board and hanging paper/storage shelf. Space from table top to shelf bottom is 495mm (19.5 in.).	864mm (34.0 in.)	1499mm (59.0 in.)	356mm (14.0 in.)	92210Z	(1-2) \$495.00 ea. (3+) 455.00 ea.
	Task Light Unit. Screws into place underneath the 92210F/G/Z desktop storage units. Includes 20-watt fluorescent bulb, lens and power cord wire management clips. UL listed and CSA approved.	50.8mm (2.0 in.)	610mm (24.0 in.)	168mm (6.6 in.)	92210W	(1-2) \$119.00 ea. (3+) 109.00 ea.
	Suspended Drawer Unit. Two drawers, with identical key lock units. Deep bottom drawer can store three types of hanging files: letter-size, legal-size, and computer printout binders. Fits right or left side of 92210A/B/C/D/E tables.	533mm (21.0 in.)	375mm (14.8 in.)	493mm (19.4 in.)	92210Q	(1-2) \$245.00 ea. (3+) 225.00 ea.
	Storage Module Unit, with three-position adjustable shelf. Rear of module is open for ventilation and access to 92210A/B/C/D cable management system, when module used to hold electronic equipment. Fits right or left side of 92210A/B/C/D tables.	483mm (19.0 in.)	600mm (23.6 in.)	493mm (19.4 in.)	92210R	(1-2) \$115.00 ea. (3+) 105.00 ea.
	Inside module dimensions 432mm 559mm 493mm (17.0 in.) (22.0 in.) (19.4 in.)					
	Set of four heavy-duty, double-wheel Casters. Use in place of leg levelers on 92210A/B/C/D tables or 92210P stand where mobility is desired. Caster height 45mm (1.75 in.) Adapts height of tables to 720mm (28.4 in.).				92210L	(1-2) \$29.00 set (3+) 27.00 set

EASY ASSEMBLY! A Phillips screwdriver is the only tool needed to assemble HP Standard Furniture. All mounting holes are pre-drilled/tapped, and all hardware and brackets are included.

Our prices include the cost of shipment. See back of catalog for details.

Locking mobile PC Center saves space, adds security

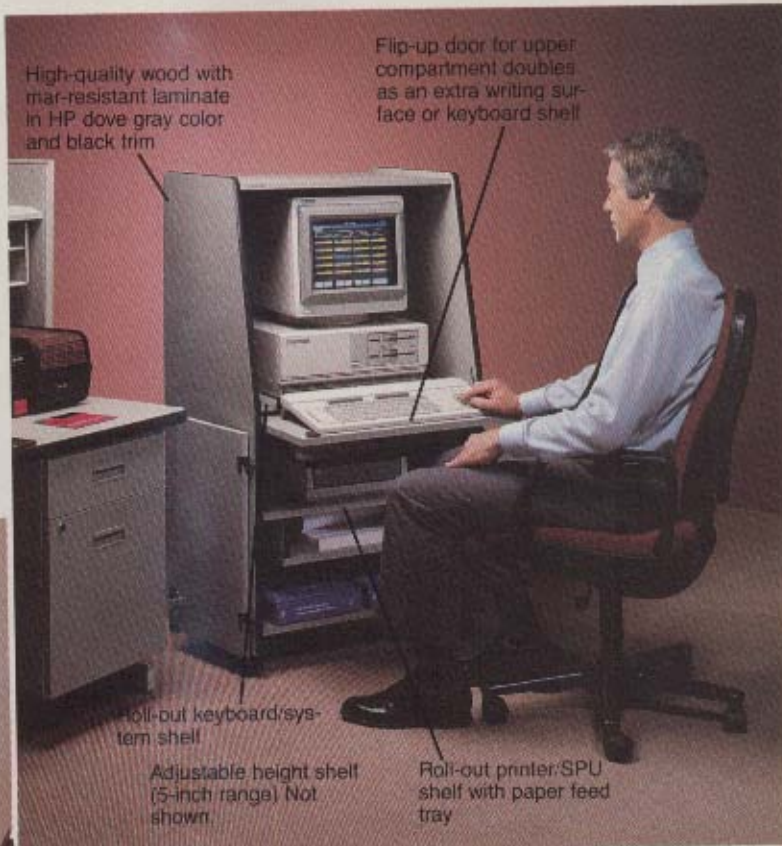
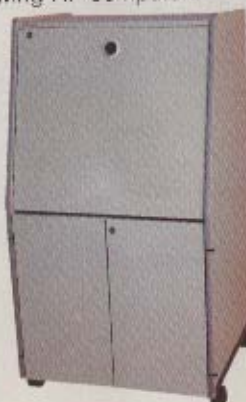
HP's Mobile PC Center—space efficient in dimension and spacious in design. It stands 1.31m (4.5 ft.) high and takes up a minimum of floor space. Yet it has lots of room for your computer/terminal, disk drive and printer as well as your software, diskette holder, printer paper and other supplies. With no computer clutter on your desk, you gain more work surface and more space for your other office needs.

You can easily maneuver this PC Center behind, or next to, your desk, or anywhere you want your computer system to be. And when you're through for the day, simply slide in the roll-out shelves, close the doors and lock your PC Center. No need to worry about the security of your computer equipment and invaluable data!

Top shelf accommodates any of the following HP computers and terminals: HP Vectra PC, Touchscreen/Touchscreen II (HP 150 Personal Computers), the Model 16 Technical Computer, and the 239X Series Terminals. Middle shelf will support either one of the HP InkJet Series printers or 2603A Daisywheel Printer. Dimensions: 1.232 H x 658 W x 602 Dmm (48.5 H x 25.9 W x 23.7 D in.).

92208A Mobile PC Center	
(1-2)	\$659.00 ea.
(3-9)	629.00 ea.
(10+)	595.00 ea.

The PC Center is shipped unassembled and requires assembly with simple tools.



HP's mobile PC Center keeps your computer/terminal, disk drive, printer, software, and other supplies all in one secure place.

Muffle printer clatter!

Our Mobile sound enclosure cabinet is designed to make the HP 293X Serial Impact Dot Matrix Printer easy on your ears. This cabinet totally encases your printer, acting as a shield against dust and moisture while it absorbs noise.

Inside, there's a sturdy shelf for your printer and ample storage for continuous-feed paper. The wide front door has a handy finger-pull opener, and the top swings up on gas-cylinder lifts.

Monitor your printing through the attractive acrylic top panel; printed copies exit from the rear of your printer into a convenient paper catcher tray at the cabinet's rear.

The Mobile cabinet is the perfect height for Design Plus tables, rolls smoothly on self-locking casters and comes fully assembled. Exterior dimensions are 720 H x 750 W x 500 Dmm (28.4 H x 29.5 W x 19.7 D in.).

92211C Design Plus Mobile Sound Enclosure Cabinet	
(1-2 units)	\$675.00 ea.
(3-9)	640.00 ea.
(10+)	620.00 ea.



Lower the lid on plotter noise!

Reduce the sound of your HP 7470, 7475 or ColorPro Plotter 90 percent with this attractive Sound Enclosure.

It's constructed of sound-reducing particle board, with foam lining to absorb vibrations. A durable acrylic lid is attached by spring-loaded hinges for effortless opening and closing.

You'll love how it looks with your HP equipment and Design Plus furniture. Slip a 92177W or 92177X Graphics Organizer underneath for additional convenience.

Enclosure measures 291 H x 648 W x 486 Dmm (11.4 H x 25.5 W x 19.1 D in.); stand measures 100mm (3.9 in.) H.

92166L Plotter Sound Enclosure	
.....	\$210.00 ea.



With the MicroManager System, it's a snap to combine aesthetics with economics

Good taste on a budget. That's what you get when you create your workstations with the MicroManager® System.

Just snap together the stacking modules to make PC stands, peripheral stations, or to create entire mobile work areas. Expanding or changing your workplace is never a problem, because the modules are interchangeable. MicroManager stands are sturdy, too. They support personal computers, computer terminals, printers or plotters without the hint of a buckle.

What's more, MicroManager lets you channel unsightly cables vertically and horizontally throughout module frames. Simply snap off cable covers, route cables along the channel system, then snap the covers back on. You'll get a clean, cable-free appearance, with no unsightly and potentially dangerous dangling cables.

MicroManager's designed for flexibility. Buy only the modules you need, when you need them—add more when you need more! You'll enjoy the benefits of higher-priced systems, plus easy assembly, modern good looks and mobility.

Perhaps best of all, you're in control of your budget with MicroManager. Get the workstations that are just right for you—without paying custom prices.



Assembly requires only a screwdriver.



Cables are neatly channeled to the rear.



Locking casters offer secure mobility.



These interchangeable modules are designed for easy assembly and expandability.

Great support for PCs, printers and tight budgets



Don't let the low cost fool you! Our PC Stand and LaserJet Workstations hold a whopping 200 pounds of supplies and hardware each.

Our HP LaserJet printer Station and Vectra PC Workstation handle heavy-duty support and storage without weighing down your budget.

Organize printing supplies for efficiency A steel-reinforced platform top enables our LaserJet printer Station to support up to 200 pounds—more than adequate for your LaserJet and supplies.

It's the ideal way to store manuals, toner cartridges, paper and paper trays. There's even a removable seven-lot organizer. And locking casters offer secure mobility.

92299H HP LaserJet printer Station

(1-2)	\$219.00 ea.
(3-5)	209.00 ea.
(6-9)	195.00 ea.
(10+)	180.00 ea.

A place for your PC Our Vectra PC Compact Workstation provides sturdy support for your PC, plus convenient storage for manuals, software and accessories.

It offers a pull-out keyboard shelf, locking casters and safe cable management that make it even more of a bargain. And you can expand or alter the workstation affordably—in minutes—by simply snapping on other MicroManager® modules, such as our 92299J Side Tray or 92299K Copy Holder (see next page). Simple assembly required.

92299F Compact Workstation Kit for Vectra PC

(1-2)	\$280.00 ea.
(3-5)	265.00 ea.
(6-9)	250.00 ea.
(10+)	235.00 ea.

Say goodbye to paper hang-ups and tangles



Hook our Paper Refold Guide onto your Printer Stand to feed and fold stacked paper onto a lower shelf.

92299L Paper Refold Guide	
(1-2 units)	\$24.00 ea.
(3-5)	20.00 ea.
(6-9)	19.00 ea.
(10+)	18.00 ea.

This Basket keeps lengthy printouts tidy, and frees shelf space for your equipment.

92299M Paper Catcher Basket	
(1-2 units)	\$39.00 ea.
(3-5)	36.00 ea.
(6-9)	34.00 ea.
(10+)	32.00 ea.



Clear your desktop! Keyboard in comfort!



This Side Tray is strong enough to support ten pounds, and invaluable when you need more desktop space.

92299J Side Tray	
(1-2 units)	\$22.00 ea.
(3-5)	20.00 ea.
(6-9)	19.00 ea.
(10+)	18.00 ea.



Our Copy Holder positions documents at any angle to end keyboarding strain. Like the Side Tray, it attaches to standard MicroManager® units.

92299K Copy Holder	
(1-2)	\$39.00 ea.
(3-5)	36.00 ea.
(6-9)	34.00 ea.
(10+)	32.00 ea.



Here's a home for your small plotters

Keep your plotter and supplies neatly organized and mobile in our Plotter Station. It features a retractable drawer, three storage bins and a 20-pen organizer, plus space for two plotter pen carousels, and trays for paper and packaged pens. Bottom shelves hold extra paper and film.

92299G Mobile Plotter Station	
(1-2 units)	\$249.00 ea.
(3-5)	239.00 ea.
(6-9)	225.00 ea.
(10+)	210.00 ea.

HP MicroManager® system

Description	Product no.	Price
 Floor Unit. Two standard modules on a locking caster base. 457 H x 616 W x 445 Dmm (18 H x 24.25 W x 17.5 D in.)	92299A	(1-2) ... \$119.00 ea. (3-5) ... 112.00 ea. (6-9) ... 105.00 ea. (10+) ... 98.00 ea.
 Standard Module. Can be stacked on 92299A or used on desktop as a printer stand. 184 H x 616 W x 445 Dmm (7.25 H x 24.25 W x 17.5 D in.)	92299B	(1-2) ... \$46.00 ea. (3-5) ... 43.00 ea. (6-9) ... 40.00 ea. (10+) ... 37.00 ea.
 Pull-Out Shelf Module. Mounted between two 92299B modules. 38 H x 616 W x 445 Dmm (1.5 H x 24.25 W x 17.5 D in.) Shelf: 19 H x 527 W x 394 Dmm (7.5 H x 20.75 W x 15.5 D in.)	92299C	(1-2) ... \$59.00 ea. (3-5) ... 55.00 ea. (6-9) ... 51.00 ea. (10+) ... 47.00 ea.
 Keyboard Drawer Module. Can be stacked on standard modules or used on desktop. 114 H x 616 W x 445 Dmm (4.5 H x 24.25 W x 17.5 D in.) Drawer: 66 H x 518 W x 254 Dmm (2.6 H x 20.4 W x 10 D in.)	92299D	(1-2) ... \$99.00 ea. (3-5) ... 93.00 ea. (6-9) ... 87.00 ea. (10+) ... 81.00 ea.
 Compact Workstation Kit for Vectra PC. Combination of 92299A, 92299B, a special 1/2 height module, and 92299C (two each). 806 H x 616 W x 445 Dmm (31.75 H x 24.25 W x 17.5 D in.)	92299F	(1-2) ... \$280.00 ea. (3-5) ... 265.00 ea. (6-9) ... 250.00 ea. (10+) ... 235.00 ea.

HP MicroManager® accessories

Description	Product no.	Price
 Mobile Plotter Station for HP ColorPro, 7470A, and 7475A plotters. Floor unit and standard module (92299A/B) combined with special plotter drawer. 667 H x 616 W x 445 Dmm (26.25 H x 24.25 W x 17.5 D in.)	92299G	(1-2) ... \$249.00 ea. (3-5) ... 239.00 ea. (6-9) ... 225.00 ea. (10+) ... 210.00 ea.
 LaserJet printer Station. Two shelves and a sturdy base. Includes a removable font organizer. 711 H x 610 W x 445 Dmm (28.0 H x 24.0 W x 17.5 D in.)	92299H	(1-2) ... \$219.00 ea. (3-5) ... 209.00 ea. (6-9) ... 195.00 ea. (10+) ... 180.00 ea.
 Side Tray. Can be mounted on 92299G or 92299E/F, or any standard module. 12.7 H x 251 W x 445 Dmm (5 H x 9.9 W x 17.5 D in.)	92299J	(1-2) ... \$22.00 ea. (3-5) ... 20.00 ea. (6-9) ... 19.00 ea. (10+) ... 18.00 ea.
 Copy Holder. Mounts into corner of 92299G or 92299E/F, or any standard module. 241 W x 318 Hmm (9.5 W x 12.5 H in.)	92299K	(1-2) ... \$39.00 ea. (3-5) ... 36.00 ea. (6-9) ... 34.00 ea. (10+) ... 32.00 ea.
 Paper Refold Guide. Wire guide hooks onto back of module. 191 H x 457 W x 51 Dmm (7.5 H x 18 W x 2 D in.)	92299L	(1-2) ... \$24.00 ea. (3-5) ... 20.00 ea. (6-9) ... 19.00 ea. (10+) ... 18.00 ea.
 Paper Catcher Basket. Wire basket hooks onto back of module. 114 H x 457 W x 406 Dmm (4.5 H x 18 W x 16 D in.)	92299M	(1-2) ... \$39.00 ea. (3-5) ... 36.00 ea. (6-9) ... 34.00 ea. (10+) ... 32.00 ea.



HP Ergonomic Workstation/Managerial Chair tilts forward to support the position your body takes at a keyboard. Optional armsets install two ways to let you pull close to your work or rest your hands.

HP Ergonomic Executive Chair provides top-to-bottom back support, rocks freely or locks in any of three positions. Takes the discomfort out of long meetings and calls. Armsets are standard.

HP Ergonomic Workbench Chair provides full support and independently adjustable foot support. Ideal for CAD, drafting and work that requires elevated work surfaces.

HP ergonomic chairs: From the bottom up, they redefine your entire concept of comfort

Any ergonomic chair can look pretty. But for a chair that's built to feel good and work better for years to come, take a close look at an HP ergonomic chair.

Our chairs look good, but that's only the beginning. These remarkable "comfort machines" are built to last. Just sit in one—you feel the difference *immediately*. It's more than firm support. Amazing adjustability. Or even top-notch quality. Our chairs offer *security*. Here's how:

They adjust to fit you...and your job If you work at a keyboard, you'll love the way our Workstation Chair leans forward when you do. Lift a lever and the seat tilts, while the backrest moves in close.

The Workbench Chair does the same. It also lets you set its footrest where you want it, independent of seat height. And if you spend a lot of time on the phone, you'll appreciate the way our Executive Chair lets you rock freely or lock your chair in virtually any tilting position.

All three styles cradle your body in a most comforting way. The curved backrest hugs your back, with gentle indentations to accommodate your shoulder blades and a raised area to support your lower back.

On the seat bottom, a raised back and waterfall front-edge balances your spine while allowing free circulation in your

thighs. Its high-density foam padding is thicker than in most chairs, yet resilient enough to stay firm when too-soft foams "bottom out."

Quality from the casters up Many other ergonomic chairs are strong on style but short on substance. HP chairs give you both.

In fact, we've built in features found in chairs that cost as much as a thousand dollars. Like a sturdier-than-normal gas cylinder that meets strict European standards. Armrest brackets with the strength of motor mounts. And thoughtfully placed levers and knobs that let you make as many as five individual adjustments without leaving your seat.

Tested without mercy No chair—no matter how adjustable—is comfortable when it's broken. So we tested the design of our chairs in ways that would make most manufacturers shudder.

We gave the arms 200 pounds of downward pressure and 100 pounds of outward pressure. We stressed the backrest and seat front thousands of times. The base had to stand up to 2,500 pounds!

We didn't have to but, we had our chairs built to meet all BIFMA* standards for safety, performance and durability. Few others can make that claim.

*Business & Institutional Furniture Manufacturers Association

Deeply contoured foam backrest comforts your upper back and shoulder blades, while offering lumbar support where it counts most.

State-of-the-art molded base is stronger than steel bases. And because the color's molded in, it can't scratch like the paint on steel.

Molded metal five-star base offers maximum stability—keeps your feet on solid ground no matter how active your day.

Self-locking casters roll when you need to move about freely, hold steady when you need stability.

Fabric is tightly woven for strength, yet breathes so you stay cool. Won't pill, resists stains and acids, won't discolor like nylon.

Individual controls let you adjust seat height, backrest tension, backrest support and more, while remaining comfortably seated in your chair.

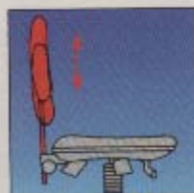
German-made pneumatic cylinder adjusts seat height securely, absorbs shock when you sit. It's wider than the cylinder on most chairs, and meets the most stringent European standards for durability.



Look at the range of adjustment you get with each chair:



Raise or lower your seat up to 152.4mm (6 in.)—your legs are angled comfortably whether you're tall or petite.



Move your backrest as much as 127mm (5 in.) up or down, to suit your posture or working preference.



Tilt your seat up or down—great for close keyboarding or casual meetings at your desk.



Lock your chair back into virtually any position.



Move the Workbench Chair's footrest up or down 177.8mm (7 in.)—hook your heels in and lean forward with confidence.



Angle the armsets of your Workstation/Managerial Chair in either direction—rest your hands or get up close to your desk.

HP Ergonomic Chairs and accessories

	Description/Specifications	Color	Product number	Price
HP Ergonomic Executive Chair	Seat specifications Height 413-483mm (16.25-19 in.) Width 483mm (19 in.) Depth 457mm (18 in.) Adjustment 413-483mm (16.25-19 in.)	Gray Blue Beige	92208M	(1-2) \$475.00 ea.
			92208N	(3+) 440.00 ea.
			92208P	
HP Ergonomic Workstation/Managerial Chair	Seat specifications Height 413-527mm (16.25-20.75 in.) Width 470mm (18.5 in.) Depth 457mm (18 in.) Adjustment 413-527mm (16.25-23 in.)	Gray Blue Beige	92208E	(1-2) \$245.00 ea.
			92208F	(3+) 225.00 ea.
			92208G	
HP Ergonomic Workbench Chair	Seat specifications Height 483-648mm (19-25.5 in.) Width 470mm (18.5 in.) Depth 457mm (18 in.) Adjustment 483-648mm (19-25.4 in.)	Blue	92208S	(1-2) \$365.00 ea.
				(3+) 340.00 ea.
Cylinder (MNP)	Replacement cylinder for 92208M/N/P HP Ergonomic Executive Chair		92208Q	(1-2) \$40.00 ea. (3+) 37.00 ea.
Cylinder (EFG)	Replacement cylinder for 92208E/F/G HP Ergonomic Workstation/Managerial Chair		92208H	(1-2) \$40.00 ea. (3+) 37.00 ea.
Cylinder (S)	Replacement cylinder for 92208S HP Ergonomic Workbench Chair		92208U	(1-2) \$55.00 ea. (3+) 51.00 ea.
Black Armset	Optional, reversible armset for 92208E/F/G HP Ergonomic Workstation/Managerial Chair		92208K	(1-2) \$79.00 ea. (3+) 69.00 ea.
Caster Set	Replacement sets for all the above HP Ergonomic Chairs		92208L	(1-2) \$39.00 ea. (3+) 35.00 ea.

HP storage cabinets offer versatility and convenience plus!

Our line of cabinets offers you a more versatile, preconfigured system that will help save time and better organize your filing and storage needs.



They come pre-assembled in five common configurations so you don't have to build them—they arrive ready to use.

Another outstanding feature is the side-opening tambour door. No more bending or reaching to open and close your cabinet door. It glides open easily and when closed, locks to protect your stored data and media.

Other standard features:

- All steel construction
- Three cabinet heights to fit your storage needs
- Fixed and roll-out shelves for three-ring binders, disk cartridges and packs
- Hanger bars for data binders and mag tape in-seals
- Extra accessories for special storage requirements

With an attractive cream-gray finish, these cabinets are a perfect complement to HP *Design Plus* and HP Standard furniture, or any other office environment.

Standard data binders can be converted to hang on bars with data binder handles. All hanger bars in the 92272 Series cabinets require a single or center point suspension capability for data binders. See your local HP dealer for the binder handles.

Finally, we pay the freight! That's right, we pay the freight to your location. No freight bill surprise when your cabinet arrives. Call and order today. Do allow extra time for delivery as these cabinets are shipped by truck.

Media and documentation storage cabinet guide (ordering information page 119)

Product number	Cabinet description	Dimensions			Weight	Installed components		
		Height	Width	Depth		Fixed shelf	Hanger bars	Roll-out shelves
92272A	Workstation Storage	Outer: 98cm (38.5 in.)	93cm (36.5 in.)	53cm (21.0 in.)	67.3kg (148 lbs.)	1		2
		Inner: 84cm (33.0 in.)	79cm (31.0 in.)	47cm (18.5 in.)				
92272B	Medium Storage	Outer: 152cm (60.0 in.)	93cm (36.5 in.)	53cm (21.0 in.)	103.2kg (227 lbs.)	1	1*	2
		Inner: 139cm (54.8 in.)	79cm (31.0 in.)	47cm (18.5 in.)				
92272C	Printout/documentation Storage*	Same as 92272B above			90.0kg (198 lbs.)	1	2*	
92272D	Mag Tape Storage	Outer: 218cm (84.0 in.)	93cm (36.5 in.)	53cm (21.0 in.)	113.2kg (249 lbs.)		5*	
		Inner: 199cm (78.5 in.)	79cm (31.0 in.)	47cm (18.5 in.)				
92272E	Large Storage	Same as 92272D above			132.7kg (292 lbs.)	1	2*	2
92272F	Library Tape Storage Rack	200cm (79.5 in.)	123cm (48.5 in.)	33cm (13.2 in.)			6*	

*Mag tape-in-seals hang directly on bars. Printout documentation requires data binder handles to hang on bars. See your local HP dealer for binder handles.

Cabinet accessories

92272G Hanger Bar for data binders and mag tape. Holds 34 tapes-in-seals.
(1 bar) \$53.00 ea.
(2+) 48.00 ea.

92272H Fixed Shelf for documentation binders and miscellaneous items.
(1 shelf) \$65.00 ea.
(2+) 59.00 ea.

Remember!

Our prices include the cost of shipment to you (see page 174 for details).

HP storage cabinets . . . pre-assembled and space-efficient



Comes with one fixed shelf and two installed roll-out shelves.

92272A Workstation Storage Cabinet.*
(1 cabinet) \$825.00 ea.
(2+) 780.00 ea.

*Oak top not included.



Comes with one fixed shelf, two roll-out shelves and one installed hanger bar.

92272B Medium Storage Cabinet.*
(1 cabinet) \$990.00 ea.
(2+) 940.00 ea.



Comes with one fixed shelf and two installed hanger bars.

92272C Printout/Documentation Storage Cabinet.*
(1 cabinet) \$825.00 ea.
(2+) 785.00 ea.



Comes with five installed hanger bars. Holds 170 tapes-in-seals.

92272D Mag Tape Storage Cabinet.
(1 cabinet) \$900.00 ea.
(2+) 855.00 ea.



Comes with one fixed shelf, two roll-out shelves, and two hanger bars.

92272E Large Storage Cabinet.
(1 cabinet) \$1125.00 ea.
(2+) 1050.00 ea.



Storage for high-density tape storage at minimum cost. Up to 300 tape reels in seals may be stored in any combination of 600-foot, 1200-foot or 2400-foot reels.

92272F Library Tape Storage Rack
(1 rack) \$335.00 ea.
(2+) 308.00 ea.

**Remember! Our listed prices include shipment to you
(see back of catalog for details).**

Build up—not out—with our desktop spacesavers



92171J

Our keyboard park features a low profile for flat keyboard storage—only 65mm (2.6 in.) high—and will support HP 700 Series Terminals (except C1005 Opt. 500, 502 and 503), HP 2392 and 2394 Terminals as well as HP Touchscreen (HP 150) personal computers. Constructed of sturdy formed and bonded acrylic plastic. Exterior dimensions are: 65 H x 505 W x 285 D mm (2.6 H x 20.0 W x 11.2 D in.). ☺

92171J Keyboard Park

(1–2 units)	\$75.00 ea.
(3–9)	66.00 ea.
(10+)	60.00 ea.

When you're through with your keyboard, slide it into its keyboard park. You'll gain valuable desktop space and protect your keyboard from accidental spills. Constructed of wood with mar-resistant laminate, this park will easily support your HP 700 Series Terminal, HP Vectra PC, monitor and other small items. Dimensions are 102 H x 612 W x 396 D mm (4.0 H x 24.1 W x 15.6 D in.). ☺

92166A HP Vectra PC Keyboard Park

(1–2 units)	\$99.00 ea.
(3–9)	95.00 ea.
(10+)	89.00 ea.



92166A



Store your HP Vectra PC in an EIA rack...

Now you can mount your HP Vectra PC processing unit in any standard 19 in. EIA rack cabinet with a shelf kit specifically designed to fit the Vectra footprint. Note: A rail kit is required to complete installation. For HP EIA racks, order 12679B Rail kit.

35199A Vectra PC Rack-mount Shelf

(1–9 units)	\$79.00 ea.
(10–24)	72.00 ea.

12679B Rail kit

	\$70.00 ea.
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Park your keyboard under your Vectra!

Is your work surface too narrow to accommodate both your HP Vectra and its keyboard? We have the perfect solution! The 92171C park features a drawer mounted on industrial strength ball bearing glides that can be pulled out a full 11 in. from the support stand. Constructed of 14-gauge steel, the drawer will support up to 45kg (100 lbs.) and can be locked in the open position for stability. Also fea-

tures a built-in palm rest. Color is pearl grey. Support platform dimensions are: 127 H x 584 W x 457 Dmm (5.0 H x 23.0 W x 18.0 D in.). Keyboard drawer size is 559 W x 245 Dmm (22.0 W x 9.75 D in.). ☺

92171C Keyboard Drawer Park

(1–2 units)	\$95.00 ea.
(3–9)	87.00 ea.
(10+)	82.00 ea.



...Or store your HP Vectra PC on the floor

Of course! This low-cost upright Vectra PC floorstand saves you desk space without sacrificing the power and speed you need from your PC. Store it under your desk and still keep your display and keyboard within easy reach on your desk top. With the turn of two screws, you're ready to make room and take on any project that comes your way.

45989A Vectra Floorstand

	\$153.00 ea.
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Our jumbo Cabinet easily holds a large printer or plotter, plus supplies

Our large Printer/Plotter cabinet is designed to accommodate an HP PaintJet XL or PaintWriter XL printer or 7550A 8-Pen Plotter—with room to spare. Its spacious interior provides for plenty of uncluttered storage of several reams of paper, pen carousels, fonts, film, manuals and more.

One wide interior shelf adjusts in five-inch increments so you can customize the storage space to suit today's requirements or alter it to fit tomorrow's needs. And your supplies are easily accessed by swinging wide two side-hinged doors.

Constructed of sturdy sheet metal, the cabinet is a complete printing or plotting center that blends beautifully with any office decor. It sits level with Design Plus tables, cabinets and stands. And, with its heavy-duty, self-locking casters, it can go anywhere at a moment's notice. Plus it comes fully assembled so it's ready to start organizing right away. Exterior Dimensions are 720 H x 762 W x 711 D mm (28.4 H x 30 W x 28 D in.).

922140 Large Printer/Plotter Cabinet
(1-2) \$280.00 ea.
(3+) 260.00 ea.



Keep everything you need for printing or plotting neatly organized and readily available in this sturdy cabinet.



Stack ThinkJet/paper above terminal and save desktop space

Off your desk and atop your HP 2392A Terminal, this acrylic stand gives you more work surface and maximum use of terminal space.

Lower tier holds approximately 400 sheets of Z-Fold JetPaper. Rear edge is raised to route cables and power cord away from the paper path, and support the 92261R Wire Paper Catcher.

Printer and stand won't interfere with terminal ventilation. Stand also works with the HP 150 II PC, other HP 239x Terminals. Dimensions: 64 H x 325.6 W x 276.9 D mm (2.5 H x 12.7 W x 10.8 D in.).

92171X Terminal-top ThinkJet Stand ☐
(1-2 units) \$59.00 ea.
(3-9) 53.00 ea.

Here's a stand that's great for your printer or your plotter!

This streamlined acrylic desktop stand increases desktop space and provides handy storage for printer paper or plotter media.

It's expressly designed to control fan-fold paper flow efficiently and route cables away from the paper path.

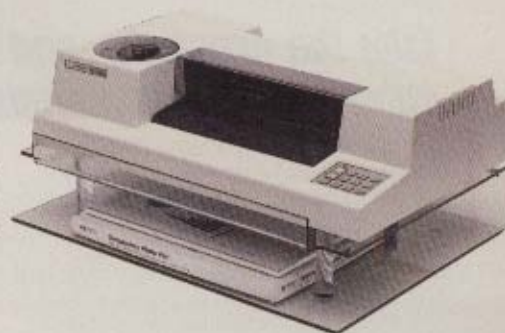
Great for your HP ColorPro 7440A graphics plotter (see page 52) or small dot matrix printer, including the HP PaintJet printer. For your HP printer, our

paper catcher (see page 41) easily attaches to this printer stand to neatly refold and stack your printer output. Exterior dimensions are 124 H x 467 W x 337 D mm (4.9 H x 18.4 W x 13.25 D in.). ☐

92269A Desktop Printer/Plotter Stand
(1-2 units) \$79.00 ea.
(3-9) 71.00 ea.
(10+) 64.00 ea.



Rear edge is curved and beveled to keep cables out of paper path and enhance paper flow.



Turn the Desktop printer/plotter stand around for a convenient place to store plotter media.



Now an alternative to anti-static floor mats is here!

When anti-static carpets and floor mats are impractical or aesthetically unappealing, tabletop mats are the answer to static protection. Simply touch the mat before using your equipment and any charge you have generated will drain via the 10-foot ground wire.

For peripheral equipment positioned off the mat, the procedure is the same. Just touch the mat before handling the equipment and static charge is dissipated.

Our desktop mats are cushioned, skid-resistant and easily cleaned with detergent and warm water. For a custom fit, they can be cut to size with heavy scissors.

92175T Tabletop mat, 58 x 76cm (23 x 30 in.)
(1-2) \$59.00 ea.
(3+) 53.00 ea.

Eliminate electrostatic shock with the attractive, easy-to-clean HP Tabletop mat.



Take the eyestrain—and backpain!—out of data entry with our ingenious copyholders

Our Clamp-on Copy Holder is easily adjusted; you can position it where you need it to most conveniently reference your copy.

It clamps to vertical or horizontal surfaces up to 32mm (1.25 in.) thick, and has a maximum reach of 762mm (30 in.). The line guide is movable, and friction locks securely hold the position you have selected. ☑

92171A Clamp-on Copy Holder
(1-2 holders) \$53.00 ea.
(3+) 48.00 ea.

Placing this Easel Copy Holder between detached keyboard and display means less eye strain. The holder will tilt at the push of a button from zero to 90 degrees. The line guide mechanism can be used either on the left or right side of the holder, or may be completely removed.

Holds page sizes up to 378 x 279mm (14.87 x 11 in.) Cream-gray color. ☑

92171B Easel Copy Holder
(1-2 holders) \$59.00 ea.
(3+) 53.00 ea.



Keep video screen crystal clear

Clean your CRT terminal screens and other glass surfaces with two 4-ounce bottles of screen-cleaning solution, fifty 8 x 13cm (3 x 5 in.) lint-free wipes and one easy-pour dispensing cap.

92193V Video Clean Kit
(1 kit) \$17.00 ea.
(2-4) 16.00 ea.
(5+) 15.00 ea.

See page 102 for more cleaning supplies.

Prepare yourself for life's little emergencies with our Office Toolkit

If you've ever tightened eyeglasses or unjammed a stapler, you recognize the worth of a miniature screwdriver and needle-nose pliers. And if you've ever upgraded an HP PC memory board, you know to keep a Pozidrive screwdriver handy.

Our Office Toolkit puts these and other expertly-crafted tools at your fingertips. Just look what you get:

- Pozidrive screwdriver with #1- and #2-size blades for HP equipment*. You won't find this in other office tool kits!
- Screwdriver with small slotted blade at one end and #0-size Phillips blade at the other—great for tightening cables.
- Miniature diagonal cutters for semi-flush wire cutting.
- Miniature chain-nose pliers with tapered, serrated jaws to hold, bend, loop and pull wires in close quarters.
- Adjustable wrench to handle nuts up to 19mm (3/4 in.) in diameter.
- Groove-joint pliers that open up to 25mm (1 in.).

- Thin-line scissors.
- Miniature safety knife with retractable/reversible blade, plus one spare.
- Miniature tape measure to gauge up to 3m (10 ft.).
- Hammer with four slotted screwdrivers nested into its handle.

The tools come in a gray enforced canvas case that opens flat for easy access, with each tool held in place by wide elastic bands. It zips to a tidy 152 H x 152 W x 25 D mm (6 H x 6 W x 1 D in.)—the perfect fit for drawer, bookshelf, briefcase or handbag.

46297A Office Toolkit	
(1 unit)	\$95.00 ea.
(2-4)	93.00 ea.
(5+)	91.00 ea.



This kit has everything you need for minor repairs, including a range of screwdrivers—even a Pozidrive!

*NOTE: Unauthorized repairs could void your service warranty. Contact your authorized HP dealer or sales representative for information.

Control harmful static and dust build-up on your personal computer and peripherals



Use Staticide Wipes to combat dust particles attracted to your keyboards and monitors by static.

Help control static and reduce its potential damage to your PC's sensitive components with HP Staticide™ Spray and Wipes.

This anti-static solution is great for areas not protected by grounding devices. Spray it on walls, floors and other large surfaces. Use it to wipe keyboards and monitors—since static attracts dust particles, you'll find the wipes doubly practical.

You'll find Staticide safe for the environment, too. It's EPA-registered, non-toxic, non-flammable and biodegradable.

Spray is available in 1 quart (0.95 liter) bottle with spray trigger; wipes include 24 individually-packaged wipes per box.

92176S Staticide Spray	
(1-11)	\$10.95 ea.
(12+)	9.95 ea.
92176W Staticide Wipes	
(1-11)	\$6.50 ea.
(12+)	6.00 ea.



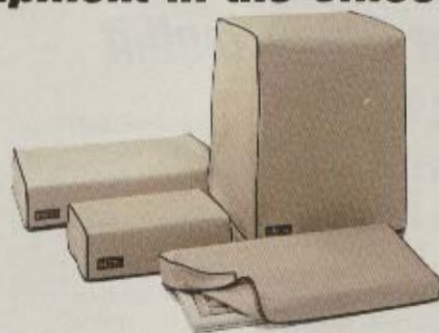
Cut CRT glare by 94%—reduce eye strain!

Mount our optically-coated filter onto your PC screen to improve contrast, sharpen images and cut reflected glare by a full 94 percent. You'll see your display better, strain your eyes less and work more easily, longer.

Package also includes a bottle of screen cleaner and lint-free wipes.

92287A Anti-glare Filter for HP 262X Terminals	
(1-2 units)	\$115.00 ea.
(3-6)	104.00 ea.
(7+)	99.00 ea.
92287C Anti-glare Filter for HP 125 and HP 86 Personal Computers	
(1-2 units)	\$115.00 ea.
(3-6)	104.00 ea.
(7+)	99.00 ea.

Protect your HP equipment in the office



These attractive 100 percent cotton dust covers shield your valuable hardware from dust, spills and contaminants, while preventing harmful moisture from being trapped inside.

Designed expressly for HP PCs, printers and plotters, they offer a smooth fit without bulk or tightness.

Each cover folds easily for storage without excessive wrinkling. Seams are bound or double-stitched to ensure years of steady use.

It's optimal protection, to help your equipment last longer—and to help your office look tidier, too!



Heavy-gauge cotton and sturdy seam binding stand up to years of handling.

Terminal and computer covers

HP product model no.	Product number	Price
Vectra PC		
Monochrome monitor ²	92259A	\$30.00 ea.
Color/EGA monitor ²	92259B	30.00 ea.
Vectra CS/ES/ES12/RS PC		
Monochrome monitor ³	92259K	\$35.00 ea.
EGA monitor ⁴	92259L	35.00 ea.
VGA Monochrome monitor ⁵	92259M	35.00 ea.
VGA Color monitor ⁴	92259L	35.00 ea.
HP 700 Series Terminals		
102-key keyboard	92251Q	\$35.00 ea.
122-key keyboard	92251R	35.00 ea.
2392A ¹ , 2394A ¹	92251E	\$27.00 ea.

¹Includes covers for keyboard and CRT.

²Includes covers for CRT and 46030A keyboard.

³Includes covers for 35731A/D monitor and C1405A/B keyboard.

⁴Includes covers for D1182A/B or 35743A monitor and C1405A/B keyboard.

⁵Includes covers for D1181A/G/W monitor and C1405A/B keyboard.

Plotter and printer covers

HP product model no.	Product number	Price
ThinkJet printer	92250V	\$19.00 ea.
QuietJet Plus printer	92250W	(1-2) ... \$27.00 ea. (3-4) ... 25.00 ea. (5+) ... 23.00 ea.
QuietJet printer	92250X	(1-2) ... \$20.00 ea. (3-4) ... 18.00 ea. (5+) ... 16.00 ea.
PaintJet printer	92250Z	\$19.00 ea.
PaintJet XL/PaintWriter XL	92259U	\$30.00 ea.
LaserJet printer	92259C	\$30.00 ea.
LaserJet Series II printer	92259G	\$30.00 ea.
LaserJet IIP printer	92259T	\$20.00 ea.
LaserJet Series III printer	92259V	\$30.00 ea.
DeskJet family/DeskWriter printer	92250R	\$35.00 ea.
ColorPro Plotter	07440-60006	\$12.00 ea.
7475A	07475-60010	\$15.00 ea.
7550A	07550-60210	\$18.00 ea.
DraftMaster I/II, RX & MX	92259P	\$55.00 ea.
DraftPro, DraftPro DXL	92259Q	\$50.00 ea.
DraftPro EXL	92259R	\$55.00 ea.
ScanJet Plus	92259N	\$21.00 ea.

Protect your HP equipment on the road

Transport your HP equipment safely and easily with these tailored-to-fit carrying cases.

Lightweight plastic base inserts hold equipment in place, while thick, cellular foam padding absorbs the shock of bumps and jars. And adjustable, nonslip shoulder straps lessen the possibility of slippage.

Openings are secured by long-lasting metal zippers or handy velcro, with wide, comfortable straps attached by metal rivets or double-stitching.

They're attractively fashioned from scuff-free vinyl, or durable cordura with ample storage space for paper and adapters.



Double-stitching and zippers offer security for your equipment.

Plotter and printer carrying cases

HP product model no.	Product no.	Exterior	Price
ColorPro Plotter	07440-60001	Vinyl	\$280.00
7475A	07475-60001	Vinyl	\$225.00
ThinkJet Printer & 9114A/B	35178C	Cordura	\$59.00
DeskWriter Printer	35178E	Cordura	\$99.95

NOTE: Cases are not intended for shipment or checked airline luggage.



ThinkJet carrying case

ColorPro Plotter
carrying case



DeskWriter
carrying
case

We ship same day

CALL HP DIRECT
800-538-8787

Call us with your Purchase Orders or



Prevent unauthorized equipment removal!



Protect equipment without additional drilling.

Using our Screw lock security kit (right) is as easy as swapping a screw from your equipment with a screw from our kit, and it protects up to three pieces of equipment.

Specially designed housings and socket-cap screws provide links for sturdy steel cables. Loop the cable through the links, then around a secured desk or table leg. Once installed, it becomes an integral part of your equipment; a keylock secures your property until you choose to move it. And this kit can be used in conjunction with the 92172G Plate lock security kit for an extra measure of precaution.

The Screw lock kit includes one 10-foot steel cable, a key padlock, five housings, five spacers, five washers, five #6 and #8 screws, and five #7 metric screws.

92172H Screw lock security kit

(1-2 units)	\$49.00 ea.
(3-9)	46.00 ea.
(10+)	43.00 ea.

Safeguard property without drills or bolts.

The Plate lock security kit (left) protects your PC, terminal or peripheral equipment with reinforced steel cable, an aluminum plate secured by industrial-strength adhesive, and a sturdy padlock—a sure deterrent to unauthorized users!

Installation is simple: adhere the plate to a flat area of your equipment (use the kit's rubber feet if you place the plate underneath equipment). Loop the cable around your desk or a secured table leg. Then lock the cable. You can link several kits together to safeguard more than one piece of equipment, or use it in tandem with our 92172H Screw lock kit. To move secured equipment, you simply unlock the padlock.

Each Plate lock kit includes a 2-foot and 5-foot steel cable, rubber feet and a keylock, plus cleaning pads for installation preparation.

92172G Plate lock security kit

(1-2 units)	\$29.00 ea.
(3-9)	26.00 ea.
(10+)	23.00 ea.

Don't let equipment disappear from your desk! Use a Plate lock security kit (left) for property without exposed screws, or a Screw lock security kit (below) if your property has exposed screws.



Foil data thieves, secure confidential files, satisfy internal auditors

Securing valuable information is a growing concern of internal auditors. Our Data Lock dispels those concerns.

This tiny device piggy-backs on the HP-IB interface of your PC or HP 1000, 3000 or 9000 computer system. Data transmission from disc drive to screen is effectively halted with the turn of a key—until you unlock it!

Your application software, test statistics, business data and personal information is secured. What's more, unwanted computer use is prevented, and your HP-IB peripherals have an extra measure of protection. Installation takes minutes, and requires only a small screwdriver (included).

92172F Data Lock	\$105.00 ea.
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Calculators, Books & Manuals

127



Professional calculators	128
Scientific calculators	129-130
Infrared printer	131
Calculator accessories.....	131-133
Batteries.....	132
Books & publications	133-135
Self-Paced Training .	136-138
Manuals	138-139
Documentation storage ..	140

HP calculators...continuing a tradition of technological innovation and user convenience with a full line of business and scientific tools. Read this section to learn more, or see your Authorized HP dealer.

HP has your Business Calculator, from the affordable to the ultimate, and everything in-between...

Business success is often measured by how quickly you find solutions. Choose from HP's full range of precision-engineered calculators for immediate results for any business problem.

The ultimate calculator for the business professional or student is our HP 19BII Business Consultant II.

Loaded with features and business functions, the HP 19BII performs any financial calculation you'll ever need, and lets you print your data directly on the HP Infrared Printer.

Use the HP 19BII's unique graphics package to visualize solutions and identify trends quickly. Or take advantage of its ability to store, sort and edit names, addresses and transactions to keep your data up to date and ready to use.

HP 19BII #ABA Business Consultant II Calculator \$175.00 ea.

Powerful yet easy to use, the HP 17BII is the practical partner for those handling diverse business problems.

Like the HP 19BII, the HP 17BII lets you solve custom equations without programming. You select functions quickly and easily using menus and softkeys. View calculations on a multi-line display, or in hardcopy print via an infrared interface.

HP 17BII #ABA Business Calculator \$110.00 ea.

A proven performer, the HP 12C has been dubbed the "Standard in Real Estate and Finance." And rightly so. This reliable time-saver boasts amortization, interest

and other features that are indispensable to realtors, banking professionals and investors who rely on quick, accurate solutions to complex calculations.

HP 12C #ABA Programmable Financial Calculator \$94.95 ea.

Easy access to business solutions for business students' coursework problems—that's the edge you get with our HP 14B. It's packed with business analysis functions a student can learn by using its menu and prompts.

HP 14B #ABA Business Calculator \$79.95 ea.

Unsurpassed quality at an affordable price best describes the HP 10B.

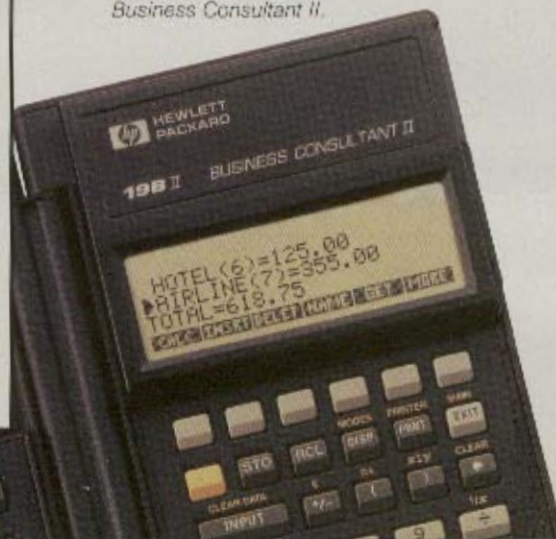
The HP 10B offers the essentials for business computations without compromising the HP quality advantage. It has fewer parts to handle, and has keys that feel crisp to the touch. And like all HP calculators, the HP 10B performs fast, reliable computations for precise results.

HP 10B #ABA Business Calculator \$49.95 ea.

Business Calculator Selection Guide

	HP 10B	HP 14B	HP 12C	HP 17BII	HP 19BII
Display (LDC) size	1 line x 12 chrs	1 line x 12 chrs	1 line x 10 digits	2 lines x 22 chrs	4 lines x 23 chrs
Entry logic	Algebra	Algebra	RPN	RPN/Algebra	RPN/Algebra
Business Graphics					■
Time management				■	■
Data management					■
TVM, cash flows	■	■	■	■	■
Bond, depreciation			■	■	■
One & two variable statistics		■	■	■	■
Customizing method				Keystroke HP Solve	HP Solve
Built-in functions	over 100	over 120	over 120	over 250	over 450

The HP 10B is the logical choice for unbeatable quality and affordability. If you want the best of the best, choose the HP 19BII Business Consultant II.





Special books for special interests

We are pleased to offer for your convenience a selection of calculator-related books, which can be ordered without leaving your desk. These books have been carefully selected for excellence in their subject areas and also provide a selection

of topics that should interest many people in different parts of any organization. For easy reference, titles are organized into major subject areas. Browse through the list and remember —these books are only a phone call away!

Handheld calculators

An Easy Course in Using the HP 17B Chris Coffin and John W. Loux/Grapevine Publications 1987

This book presents the workings of your HP 17B calculator to you in a uniquely understandable fashion. It shows you how to work with menus, lists and arithmetic, and how to develop a personal list of equations. There's also information on built-in financial equations, the "hows and whys" of loans, mortgages and investments, and how the Time Value of Money (TVM) keys make sense out of it all.

92236A \$27.00 ea.

An Easy Course in Using the HP 19B Chris Coffin and John W. Loux/Grapevine Publications 1987

This book shows you how to work with menus, lists, arithmetic, and how to develop a personal list of equations. It also helps you use your calculator's built-in financial equations and Time Value of Money (TVM) keys, and tells you all about NPV, NFV, IRR and MIRR. Clear diagrams and explicit examples are included.

92236B \$27.00 ea.

An Easy Course in Using the HP 27S Chris Coffin and John W. Loux/Grapevine Publications 1987

This book guides you through keyboard operation, arithmetic and menu use. It offers a close look at the built-in equation SOLVER, including its "smart" features, such as conditional tests, multiple solutions and list functions. You get a series of commonly encountered problems in science, math and engineering. And as an added bonus, you get an extensive look at personal finance, using the TVM (Time Value of Money) menu, where you'll learn all about the concepts and methods of financial analysis and problem solving.

92236C \$27.00 ea.

An Easy Course in Using the HP 28S Chris Coffin and John W. Loux/Grapevine Publications 1987

This book first brings you up to speed on the mechanics of operation: what keys to press to control and command the display, the stack, and the menus. It then helps you explore the different information "objects" and how you can manipulate them, combine them, name them and (best of all) think about them. Brief separate discussions also touch upon specialized topics like symbolic algebra and calculus, plotting and programming.

92236D \$27.00 ea.

Quick Reference Book for the HP 12C Evan Gost 1984

Take this handy reference book with you—it fits right in the HP 12C carrying case along with your calculator. Inside you'll find easy-to-follow examples for almost all of the popular HP 12C functions. Loan amortization, annuity value, blended rate mortgages, depreciation, future value, internal rate of return, leases, variable rate mortgages, and weighted averages are just a few of the topics discussed. ☺

92233F \$10.00 ea.

An Easy Course in Using the HP 12C C. Coffin and T. Wadman/Grapevine Publications 1984

A self-paced, easy-to-follow course book for your HP 12C Financial Calculator. Devoid of highly technical and confusing jargon, its rich conversational style and classic illustrations make learning about the HP 12C easy and fun. Filled with examples, explanations, self tests, and solutions, this text introduces you to the "Hows and Whys" of loans, mortgages, investments, NPR and IRR calculations, and much more. Take your time, set your own pace, and enjoy learning to use your HP 12C.

92234S \$27.00 ea.

Additional handbooks for your HP Calculator

For the HP 12C:

00012-90022 Training Guide for the HP 12C \$15.00 ea.
00012-90009 HP 12C Solutions Handbook \$17.00 ea.
00012-90015 HP 12C Real Estate Handbook \$17.00 ea.
00012-90021 HP 12C Leasing Applications Handbook \$17.00 ea.

For the HP 14B:

00014-90021 Business Student Applications \$ 9.95 ea.

For the HP 17B and/or HP 19B:

92206R Pocket Guide \$10.00 ea.
92206Q Pocket Guide \$10.00 ea.
00017-90019 Solution Handbook—Real estate, banking, leasing, HP 17B/19B/27S \$ 9.95 ea.

00017-90020

Solution Handbook—Business finance & accounting, HP 17B/19B/27S \$ 9.95 ea.

00017-90021

Solution Handbook—Marketing & sales, HP 17B/19B/27S \$ 9.95 ea.

00017-90022

Solution Handbook—Personal investment & tax planning, HP 17B/19B/27S \$ 9.95 ea.

00027-90044

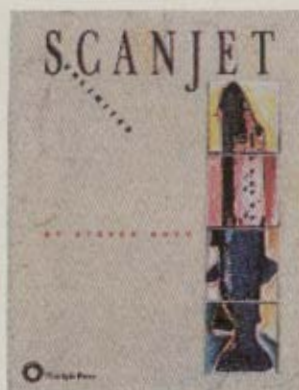
Solution Handbook—Technical applications, HP 19B, 27S \$ 9.95 ea.

For the HP 22S:

92206K An Easy Course in Using HP 22S \$22.00 ea.

For the HP 28S and/or 28C:

92206J Insights Principles and Programming, HP 28S \$27.00 ea.
92220X Software Power Tools—Electrical Circuits \$20.00 ea.
92222G Programmers Pocket Guide, HP 28S \$10.00 ea.
92220Y Software PowerTools—Utilities, HP 28S \$20.00 ea.
00028-90101 Algebra & college math \$ 9.95 ea.
00028-90102 Calculus \$ 9.95 ea.
00028-90104 Probability & statistics \$ 9.95 ea.
00028-90105 Vectors & matrices \$ 9.95 ea.
00028-90111 Mathematical applications \$ 9.95 ea.



Get all the facts, tips and tricks

ScanJet Unlimited is a comprehensive book that explains the art and science of scanning images with the HP ScanJet Plus. It provides helpful ideas on applications such as converting photos and drawings into digital images, using the scanner for high-speed text reading and joining scanners with LaserJet printers as a substitute for fax machines.

92232R ScanJet Unlimited \$25.00 ea.



Expert advice for using your LaserJet

LaserJet Unlimited offers concise, authoritative information and hands-on advice to most every aspect of laser printing, with special emphasis on the HP LaserJet Series II printer. The book discusses all applications, as well as Printer Command Language and setup utilities. 

92235U LaserJet Unlimited, 2nd edition \$25.00 ea.



You can get these test & measurement accessories shipped the same day you order:

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- Instruments
- Test leads

Check off the box on the catalog subscription card and we'll send you the latest Instruments Now Catalog from HP DIRECT. Available in the U.S. only.



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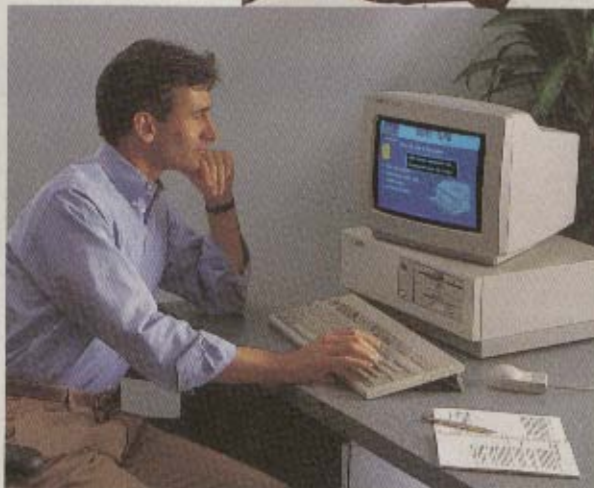
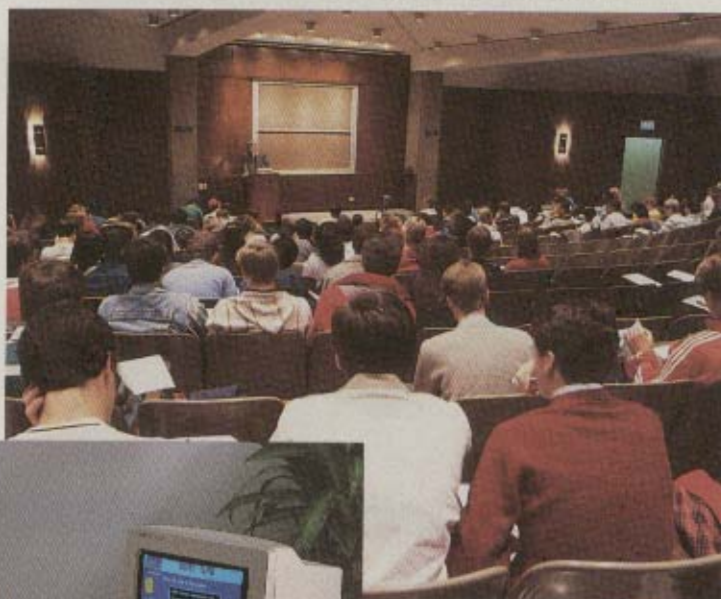
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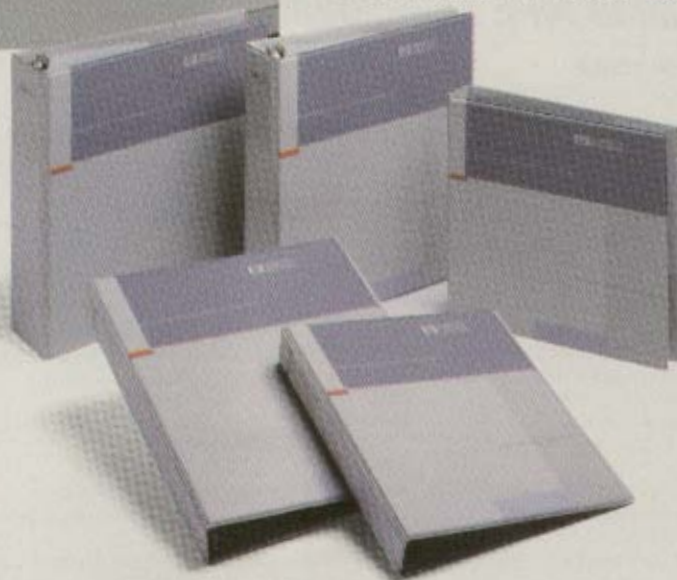
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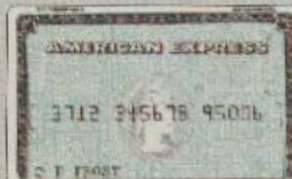
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Serial/Parallel Interface Card offers two ports on a single card. Connect any standard parallel printer to the Centronics-standard parallel port. Connect a modem, printer, mouse or other device through the industry-standard (RS-232) serial port.

24540B Serial/Parallel Card \$229.00 ea.

Dual RS-232 Interface Card offers a nine-pin male industry-standard (RS-232) serial port for asynchronous communications, plus a 25-pin female RS-232/HP422 port for full-duplex asynchronous communications up to 19.2K baud, and connection to HP 3000 computers as far away as 1200 meters.

24541B Dual Serial Card \$249.00 ea.
NOTE: HP422 is HP's implementation of RS-422.

It's easy to expand your Vectra's memory to meet higher demands of today's powerful programs

Our Memory upgrade options let you keep pace with the higher memory requirements of single-user and networked applications.

Create larger spreadsheets with Lotus® 1-2-3®. Work faster with Microsoft® Windows®. Get better results using graphics and color. Take advantage of new MS-DOS® and OS/2 applications.

Every HP Memory upgrade option is 100 percent reliable. They're fully tested to meet HP's exacting standards so you can be sure of top performance for the entire life of your HP Vectra PC system.

It's easy to order additional memory. Just find the model number of your Vectra system in the chart below. Look under the column for the total amount of RAM you need. The chart will tell you the incremental memory to order.

Save
up to 50%
on Vectra Memory
upgrade options!

486 (includes 2 Mbytes Standard/Internal RAM)

Total RAM	4 Mb	6 Mb	8 Mb	10 Mb	12 Mb	14 Mb	18 Mb	20 Mb	26 Mb	32 Mb	48 Mb	64 Mb
Required memory upgrade	Add 2 D2150A	Add 4 D2150A	Add 6 D2150A	Add 2 D2151A	Add 2 D2150A 2 D2151A	Add 4 D2150A 2 D2151A	Add 4 D2151A	Add 2 D2150A 4 D2151A	Add 6 D2151A	Remove Std. RAM Add 4 D2152A	Remove Std. RAM Add 6 D2152A	Remove Std. RAM Add 8 D2152A
D2150A = 1 Mb memory upgrade D2151A = 4 Mb memory upgrade D2152A = 8 Mb memory upgrade Note: Memory must be added in pairs												

386/25 (includes 2 Mbytes Standard/Internal RAM)

Total RAM	4 Mb	6 Mb	8 Mb	10 Mb	12 Mb	14 Mb	18 Mb	20 Mb	26 Mb	32 Mb
Required memory upgrade	Add 1 D2381A	Add 2 D2381A	Add 3 D2381A	Add 1 D2152A	Add 1 D2381A 1 D2152A	Add 2 D2381A 1 D2152A	Add 2 D2152A	Add 1 D2381A 2 D2152A	Add 3 D2152A	Remove Std. RAM Add 4 D2152A
D2381A = 2 Mb memory upgrade D2152A = 8 Mb memory upgrade										

RS/20C, RS/25C (includes 1 Mbyte Standard/Internal RAM)

Total RAM	2 Mb	4 Mb	5 Mb	7 Mb	10 Mb	13 Mb	16 Mb
Required memory upgrade	Add 1 D1640A	Add 3 D1640A	Add 1 D1642A	Add 2 D1640A 1 D1642A	Add 1 D1640A 2 D1642A	Add 3 D1642A	Remove Std. RAM Add 4 D1642A
D1640A = 1 Mb memory upgrade D1642A = 4 Mb memory upgrade							

286/12 (includes 1 Mbyte Standard/Internal RAM)

Total RAM	4 Mb	3 Mb	5 Mb	6 Mb	8 Mb
Required memory upgrade	Add 1 D2401A 1 D1640A	Add 1 D2401A 1 D1354A	Add 1 D2401A 2 D1354A	Remove Std. RAM Add 1 D2401A 3 D1354A	Remove Std. RAM Add 1 D2401A 4 D1354A
D1640A = 1 Mb memory upgrade D2401A = Memory expansion board D1354A = 2 Mb memory upgrade					

QS/16S (includes 1 Mbyte Standard/Internal RAM)

Total RAM	2 Mb	3 Mb	5 Mb	6 Mb	8 Mb
Required memory upgrade	Add 1 D1640A	Add 1 D1354A	Add 2 D1354A	Remove Std. RAM Add 3 D1354A	Remove Std. RAM Add 4 D1354A
D1640A = 1 Mb memory upgrade D1354A = 2 Mb memory upgrade					

QS/20 (includes 1 Mbyte Standard/Internal RAM)

Total RAM	2 Mb	4 Mb	10 Mb	16 Mb
Required memory upgrade	Add 1 D1640A	Add 3 D1640A 1 D1440A	Add 1 D1640A 2 D1642A 1 D1440A	Remove Std. RAM Add 4 D1642A 1 D1440A
D1640A = 1 Mb memory upgrade D1440A = Memory expansion board D1642A = 4 Mb memory upgrade				

HP Vectra 486

D2150A 1 Mbyte memory upgrade	\$ 299.00 ea.
D2151A 4 Mbyte memory upgrade	1,199.00 ea.
D2152A 8 Mbyte memory upgrade	2,399.00 ea.

HP Vectra 386/25

D2381A 2 Mbyte memory upgrade	599.00 ea.
D2152A 8 Mbyte memory upgrade	2,399.00 ea.

HP Vectra RS/20C and RS/25C

D1640A 1 Mbyte memory upgrade	399.00 ea.
D1642A 4 Mbyte memory upgrade	1,199.00 ea.

HP Vectra 286/12

D1640A 1 Mbyte memory upgrade	399.00 ea.
D1354A 2 Mbyte memory upgrade	599.00 ea.
D2401A Memory expansion board	329.00 ea.

HP Vectra QS/16S

D1640A 1 Mbyte memory upgrade	399.00 ea.
D1354A 2 Mbyte memory upgrade	599.00 ea.

HP Vectra QS/20

D1640A 1 Mbyte memory upgrade	399.00 ea.
D1642A 4 Mbyte memory upgrade	1,199.00 ea.
D1440A Memory expansion board	215.00 ea.



Keep your 3.5 in. disks safe

Protect your Micro Flexible disks in this compact desktop file. Stores up to 60 disks in a durable acrylic case. Index dividers make it easy to organize your disks for easy retrieval. Also features a flip up lid for easy access.

921910 Desktop File for 3.5 in. disks.
Capacity: 60 disks.
(1 unit) \$39.00 ea.
(2-4) 35.00 ea.
(5+) 30.00 ea.

Flip-top file offers instant access

Just flip up the hinged lid. The disks inside this practical desktop file are clearly displayed and readily accessible. Tabbed dividers and index labels are included to make it simple to organize your disks. Made of durable plastic, these files offer protection from office hazards such as dust, debris and moisture.

921910 Compact File for 3.5 in. disks.
Capacity: 40 disks.
(1 unit) \$22.00 ea.
(2-4) 20.00 ea.
(5+) 18.00 ea.

92194A Compact File for 5.25 in. disks.
Capacity: 60 disks.
(1 unit) \$39.00 ea.
(2-4) 36.00 ea.
(5+) 33.00 ea.



Micro disk case saves space and money

This durable plastic 3.5 in. micro disk case holds 10 microfloppy disks in library-like fashion for easy fingertip retrieval. The disk holder slides open to reveal your disks with step filing. Slide it closed and file snaps shut for library storage or for convenient transport. Disk identification and spine labels included.

921917 Micro Disk Case for 3.5 in. disks.
Capacity: 10 disks.
(1 case) \$7.00 ea.

Increase your Vectra's input/output options—in an instant!

The HP-HIL interface card lets you link your HP Vectra CS PC to a variety of HP peripherals, without giving up other valuable ports.

Connect an HP Mouse, Graphics Tablet, bar code reader or other input/output device—any of them, or all of them. HP-HIL's unique expandable design lets you connect them all to a single HP-HIL port.

D1171A HP-HIL Interface Card for HP Vectra CS PC \$225.00 ea.



Clean as a whistle for secure Vectra backups

A carbon backcoating over the length of the Vectra 40 Mbyte Tape Cartridge cuts dust-attracting static build-up. By staying cleaner, the tape puts less wear on the drive head, saves backup time and reduces the chance of read errors. For use with the D1671A drive.

92192T Vectra 40 Mbyte (formatted) Tape Cartridge. Five per box.
(1 box) \$175.00 box
(2-4) 159.00 box
(5-19) 149.00 box
(20+) 139.00 box

Organize up to 18 Tape Cartridges under lock and key

Here's a convenient way to organize your 92192T Tape Cartridges, while protecting them from dust, spills and "casual borrowing." This locking tray includes tabbed dividers and labels for quick identification and access, and a back-up key in case you misplace the original. A detachable hinge lets you nest the clear acrylic, anti-static lid under the cream-color, high-impact plastic base, cutting desk-top clutter so you have room to get down to business.

921920 Data Cartridge Tray for use with 92192T Tape Cartridges.
(1-2 units) \$45.00 ea.
(3-6) 42.00 ea.
(7+) 39.00 ea.



We ship same day
CALL HP DIRECT
800-538-8787



Prevent unauthorized access to your PC

You'll breathe easier after installing this key-operated Security Lock.

Once the Security Lock is installed on the pop-out front panel of your Vectra PC, it's impossible for anyone but the keyholder to access files stored on your hard-disk or accessory cards.

And once your Vectra files are locked, you can concentrate on your work, instead of worrying about security. ☺

45986A Security Lock \$60.00 ea.

Store your HP Vectra PC in an EIA rack

Now you can mount your HP Vectra PC processing unit in any standard 19 inch EIA rack cabinet with a shelf kit specifically designed to fit the Vectra footprint. Note: A rail kit is required to complete installation. For HP EIA racks, order 12679B Rail kit.

35199A Vectra PC Rack-mount Shelf
(1-9 units) \$79.00 ea.
(10-24) 72.00 ea.
12679B Rail kit \$70.00 ea.



...Or store your HP Vectra PC on the floor

Of course! This low-cost upright Vectra PC floorstand saves you desk space without sacrificing the power and speed you need from your PC. Store it under your desk and still keep your display and keyboard within easy reach on your desk top. With the turn of two screws, you're ready to make room and take on any project that comes your way.

45989A Vectra Floorstand ... \$153.00 ea.



Park your keyboard under your Vectra!

Is your work surface too narrow to accommodate both your HP Vectra and its keyboard? We have the perfect solution! The 92171C park features a drawer mounted on industrial strength ball bearing glides that can be pulled out a full 11 in. from the support stand. Constructed of 14-gauge steel, the drawer will support up to 45kg (100 lbs.) and can be locked in the open position for stability. Also fea-

tures a built-in palm rest. Color is pearl grey. Support platform dimensions are: 127 H x 584 W x 457 Dmm (5.0 H x 23.0 W x 18.0 D in.). Keyboard drawer size is 559 W x 245 Dmm (22.0 W x 9.75 D in.). ☺

92171C Keyboard Drawer Park
(1-2 units) \$95.00 ea.
(3-9) 87.00 ea.
(10+) 82.00 ea.



Protect your Vectra from office disaster



Custom-fitted cotton Dust Cover is specially treated to repel liquids. Prevents grime and static build-up. ☺

92259L Dust Cover for EGA and VGA HP Vectra CS/ES/ES12 or RS monitor and keyboard \$35.00 ea.

92259M Dust Cover for Monochrome HP Vectra CS/ES/ES12/RS monitor and keyboard \$35.00 ea.



For our full offering of Dust Covers, see page 124.

Get back to your PC seconds after you print or plot—with PrintCache

If you spend any time at all waiting for your printer to create charts or print long documents or spreadsheets, PrintCache is just what you've been waiting for. PrintCache is a software spooler designed to get you back to work quickly—by letting you print and use your PC at the same time.

PrintCache is an easy-to-install software package that works on any MS-DOS PC—there's no need for special cards, boxes, or cables. Once you install it on your system, it works automatically every time you print. You'll see a twenty to one hundred-fold increase in buffering speed, without affecting the print time. And PrintCache works with any software, printer or plotter, in a stand-alone, shared printer or network environment.

PrintCache works like this: when you give a print command from your application, PrintCache "grabs" the output and stores it in either RAM memory or on your hard disk. Then, while

PrintCache prints the file, you can use your PC—within seconds, not minutes. As a result, you get much more done in much less time. It's ideal for graphics-intensive applications such as desktop publishing or CAD—the more complex the output, the more time you'll save.

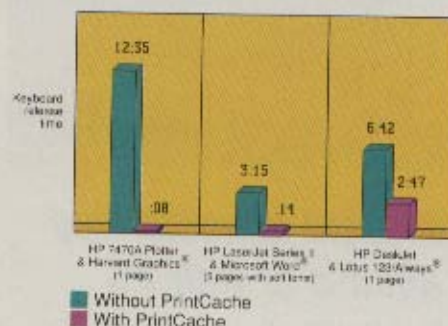
So what are you waiting for? Let PrintCache save you time everytime you plot or print. Contains 3.5- and 5.25-in. disks.

35177C PrintCache software for all HP printers. \$149.00 ea.



Tired of waiting for your PC to download fonts or print spreadsheets and long reports? With PrintCache, waiting time can be reduced to seconds—no matter what application, printer or plotter you use.

PrintCache can dramatically reduce your printing wait time



All tests were conducted with an IBM PC compatible, 286, running at 10 Mhz. The HP 7470A and HP LaserJet were connected with a serial cable at 9600 baud, and the HP DeskJet was connected with a parallel cable.

Expand your PC's power with HP AdvanceLink!

Now you can enable your PC to access your HP 1000, 3000 or 9000 host computer without sacrificing your personal applications.

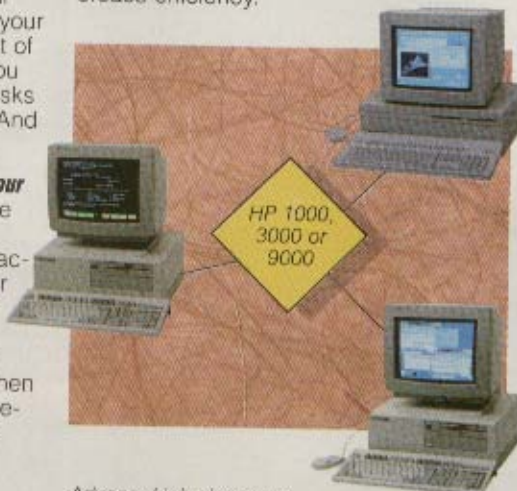
HP AdvanceLink is a comprehensive terminal emulation program that fully integrates your Apple Macintosh®, HP Vectra or other IBM®-compatible PC into your HP host environment and throughout your network. It not only saves you the cost of an additional terminal, it also saves you the time, risk and bother of sharing disks or relying on others to interpret data. And it's as easy to learn as it is to use.

AdvanceLink lets you tap the resources of your HP host and at the same time utilize the power and functionality of your PC.

Acting like a terminal, your PC can access data quickly and easily from your host's databases so you can use PC-based applications to analyze or enhance data. Or, you can run powerful centralized applications on the host, then transfer the files reliably and quickly between the PC and host, even across a network.

HP AdvanceLink supports three of the most popular computing environments You can tap the power of your MS-DOS®, MS-Windows® and Apple Macintosh® applications and at the same time call on the resources of your HP host.

MS-DOS version is a comprehensive data communications package that incorporates alphanumeric, monochrome and color graphics terminal emulation and state-of-the-art file transfer. An extensive command language lets you automate sophisticated tasks to save time and increase efficiency.



AdvanceLink gives your IBM-compatible or your Macintosh access as a terminal to an HP host.

MS-Windows version lets you take advantage of quick file transfers to access vital information. Then using the power of MS-Windows, you can cut and paste the information into your PC-based applications. AdvanceLink Windows also lets you run multiple sessions simultaneously and permits background file transfer. And it supports HP NewWave, too.

HP AdvanceLink for Macintosh offers three choices of terminal emulation for the Apple Macintosh. There's AdvanceLink Text and AdvanceLink Graphics (monochrome). And, for Mac users who want to keep pace with full color graphics terminal emulation, there's AdvanceLink Color Graphics. All versions let you run and view multiple programs simultaneously and permit background transfer to and from the HP host.

So whatever your personal computer environment, HP offers the best connection to your HP host with AdvanceLink.

68333B MS-DOS® 3.5- and 5.25-in. disks	\$335.00 ea.
D2104A Text for Windows,™ 3.25- and 5.25- in. disks	299.00 ea.
D2105A Text for Macintosh®	299.00 ea.
D2106A Graphics for Macintosh®	349.00 ea.
D2107A Color Graphics for Macintosh®	399.00 ea.

Learn HP Vectra PC skills with our affordable tutorial software —at your own pace!

You've just acquired a Vectra PC. You're anxious to use it. But you can't afford time away from the office to take a class. What do you need? HP Vectra PC Family Fundamentals!

This computer-based tutorial helps you get to know your Vectra step by step—without leaving your workplace—by giving you a comprehensive introduction to the basics of personal computing and MS-DOS.[™]

What's more, our Tutorial lets you learn at your own pace. Complete all six sections within six hours. Develop "spot" expertise by concentrating on one section at a time. Stop in the middle of a section—a unique "bookmark" feature notes where you leave off.



Our computer-based tutorial builds your HP Vectra PC skills, and your use of MS-DOS.

The Tutorial provides simulated every-day Vectra tasks for hands-on experience, then lets you gauge your progress with self-tests and reviews.

With a solid understanding of the basics, you're bound to develop additional PC skills more easily. And perhaps best of all, you'll pay substantially less for our Tutorial than for a class!

The Tutorial runs on all HP Vectra PCs except the Portable LS. Four 5.25 inch disks and a Student Reference Guide are included.

51410B HP Vectra PC Family Fundamentals: A Computer-Based Tutorial \$125.00 ea.

Software for the HP Vectra PC[™] and IBM PC[™]/IBM XT[™]/AT[™]

Software package name	Product no. 5.25-in. media	Price
AdvanceLink ⁵	68333B	\$335.00 ea.
AdvanceLink/Text for Windows ⁴	<i>new!</i> D2104A	\$299.00 ea.
Graphics Gallery Collection 3.0 ^{1,4}	<i>Mouse</i> D1711A #ABA	\$499.00 ea.
Drawing Gallery ¹	<i>Mouse</i> D1709A #ABA	\$349.00 ea.
Charting Gallery ¹	<i>Mouse</i> D1710A #ABA	\$249.00 ea.
Business Management Portfolio ⁴	68326F	\$ 98.00 ea.
Office Management Portfolio ⁴	68324F	\$ 98.00 ea.
Chemical/Petrochemical Portfolio ⁴	68325F	\$154.00 ea.
HP Draw Portfolio ⁴	68327F	\$201.00 ea.
LaserJet Printer Utility Software		
JetForm—Design ²	35188E	\$495.00 ea.
—Print Windows ⁶	35188G	199.00 ea.
—Print ⁷	35188H	199.00 ea.
(form generator, see page 22)		
PrintAPlot (see page 22)	35177T	\$149.00 ea.
LaserControl (see page 22)	35190J	\$150.00 ea.
PaintJet Utility Software		
Zenographics SuperPrint for HP PaintJets (see page 6)	<i>new!</i> 17390B	\$150.00 ea.
DeskJet Utility Software		
LaserControl (access fonts, see page 35)	35190J	\$150.00 ea.
Printer Utility Software (for all HP personal printers)		
PrintAPlot ³	35177T	\$149.00 ea.
PrintCache ³	35177C	\$149.00 ea.
LabelPro (see page 5)	<i>new!</i> 92296S	\$ 99.95 ea.

¹Requires 384K memory

²Requires MS DOS 2.0 or above and dual-flexible or hard drive. 256K memory minimum for text only, 384K memory minimum for text plus graphics

³Works with the HP LaserJet, DeskJet, PaintJet, QuietJet, ThinkJet, RuggedWriter and Epson compatible printers.

⁴3.5-in. versions of these software packages are available; ask for option #003.

⁵Requires IBM-AT or compatible, Mouse and 640K RAM

⁶Requires IBM-AT or compatible and Mouse

⁷Requires IBM-XT or compatible, 512K RAM or hard disk

⁸Includes both 3.5- and 5.25-in. disks

Software for Apple Macintosh[™]

Software package name	Product no. 3.5-in. media	Price
LaserJet and DeskJet Compatibility Software		
MacPrint (see page 21)	35177A	\$149.00 ea.
PaintJet Compatibility Software		
HP PaintJet Series Color PrintKit for Macintosh [®] Computers (see page 34)	17305B	\$125.00 ea.
AdvanceLink/Text for the Macintosh	<i>new!</i> D2105A	\$299.00 ea.
AdvanceLink/Graphics for the Macintosh	<i>new!</i> D2106A	\$349.00 ea.
AdvanceLink/Color Graphics for the Macintosh	<i>new!</i> D2107A	\$399.00 ea.

How to upgrade or replace your HP software media

North American customers: If your software disk is damaged or discontinued or you wish to upgrade your software program to the latest revision, send in your original disk with a check or credit card number to:

Hewlett-Packard
Mail Order Dept.
P.O. Box 60008
Sunnyvale, CA 94088

Customers outside North America: Customers who have either damaged their software media or who wish to upgrade their software to the latest revision should take their original media to their local HP sales office. The sales office will in turn order the replacements or upgrades.

Canadian customers: Please send in your original disk with preferred method of payment to:

HP Canada Limited
3710 Nashua Dr. Units A-E
Mississauga, Ontario
Canada
L4V 1M5

Terminals



HP computer terminals	149-151
Terminal accessories.....	42, 120, 151

HP terminals...rated #1 in Datapro Users' Surveys four years in a row! These terminals offer advanced features and conveniences to help you work more expediently and effectively. And perhaps best of all, the terminals you need are only a phone call away.

Enjoy high quality and low price with display terminals designed expressly for HP systems!

Now you can get technologically advanced display terminals for your company's computer systems, at wonderfully affordable prices.

Our terminals have been designed, engineered and exhaustively tested for guaranteed durability and years of service. They come with a comprehensive one-year warranty, plus world-wide

support. And perhaps best of all, they're available today. Our telemarketing professionals can get answers for your questions, take your complete order and get terminals shipped the day you call.

The terminals you need are as close as your telephone!



Crisp, clear characters are displayed on 14-inch, glare resistant screens. Choose green, amber or black characters on a softwhite background. A programmable screen-saver function automatically dims your screen when it's unattended.



These terminals help you work easier. For example, you can pull up this configuration screen to change the way your keyboard functions. Handle more tasks with less effort, and minimal rework!

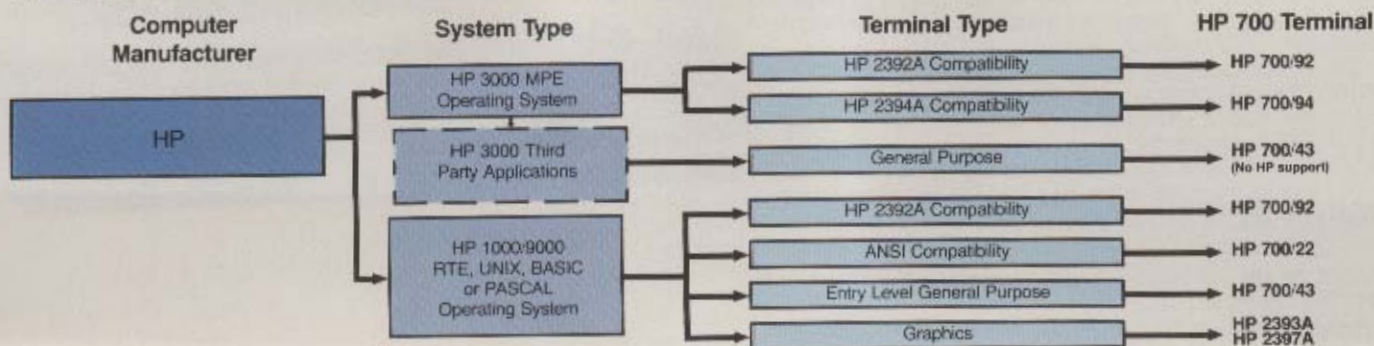


Tilt-and-swivel is standard on every terminal. The screen can be tilted 5 degrees upward or 20 degrees downward, or swiveled 180 degrees around.



Detached keyboard adjusts to your best working angle; keys are ergonomically spaced and molded to fit the spread and tips of your fingers.

HP 700 Series Terminals Quick Selection Guide



Designed by Hewlett-Packard engineers, expressly for Hewlett-Packard Computer Systems



HP 700/92 Display Terminals increase staff productivity immediately

Not only are these terminals totally compatible with HP technical and business applications, they have enhanced capabilities that take advantage of block mode communications in software packages like the popular VPLUS/3000.

The 14-inch screen is refreshingly easy to read and easy on the eye, with sharper display quality than any comparable terminal. Provided are eight pages of memory, with smooth or jump scrolling, plus selectable 80- and 132-column display modes.

It's designed for user comfort, with controls on the front panels, two built-in RS-232C ports on the back, and an adjustable tactile-feedback keyboard that responds to your lightest touch.

A number of other standard features help efficiency, including:

- DEC VT52, VT100 and VT220 terminal compatibility
- Compatibility with the HP 2392A
- Insert and delete-character keys with automatic character wrap.

C1001A Opt ABA HP 700/92 Display Terminal with amber screen and U.S. keyboard \$895.00 ea.

C1001B Opt ABA HP 700/92 Display Terminal with green screen and U.S. keyboard \$895.00 ea.

C1001W Opt ABA HP 700/92 Display Terminal with softwhite and U.S. keyboard \$895.00 ea.

Want dust covers for your display terminals?
See page 124. For terminal stands,
see pages 42 and 120.

HP 700/94 Display Terminals offer advanced capabilities to help you make the most of HP computer applications.

These terminals provide forms cache and local edit checks, optimized to work with VPLUS/3000 software. They also simplify data entry by letting you build files up to 130 blocks of 256Kbytes each—an average of 25 forms locally—so you don't spend extra time downloading from the host computer.

HP 700/94 Terminals also reduce costly host communication traffic with local edit checks, modified data tag and up to 16 pages of memory. And you can download up to 94 user defined characters from the host computer.

Like the HP 700/92, HP 700/94 terminals feature front panel user controls, adjustable keyboards with responsive tactile feedback and tilt-and-swivel bases. They also have a 14-inch, anti-glare screen with up to 72Hz refresh rate for improved screen readability—especially important when viewing black characters on a softwhite screen.

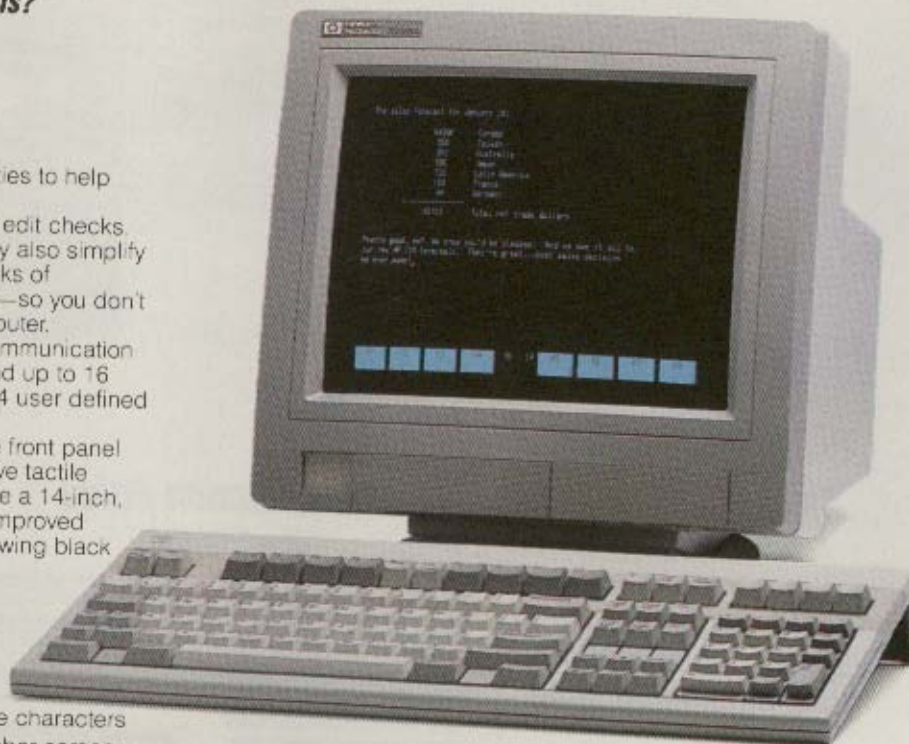
Other features? Look for:

- Two RS-232C ports are standard
- 80- and 132-column display modes
- HP 2394A compatibility
- VT52, VT100 and VT220 compatibility modes
- Automatic character wrap keys to insert or delete characters

C1002A Opt ABA HP 700/94 Display Terminal with amber screen and U.S. keyboard \$1150.00 ea.

C1002B Opt ABA HP 700/94 Display Terminal with green screen and U.S. keyboard \$1150.00 ea.

C1002W Opt ABA HP 700/94 Display Terminal with softwhite screen and U.S. keyboard \$1150.00 ea.



Combine HP quality with ASCII compatibility

HP 700/43 Display Terminals offer even more functionality for HP 1000 or 9000 Computer users.

These terminals let you select between 80 and 132-column modes, so you can view the widest applications in legibly-compressed type.

What's more, you get up to four pages of memory—more than enough for detailed word processing, data entry or technical applications, without drawing from your main computer system. And this terminal offers 12 terminal compatibility modes: Wyse WY-50, TeleVideo 950 and Lear Siegler ADM 31 system applications, as well as for Wyse WY-30, TeleVideo 905/910 + / 925E, ADDS Viewpoint A2, Lear Siegler ADM3A/ADM5, Qume QVT-101 or Hazeltine 1500. Available with U.S. keyboard.

C1006A Opt. ABA HP 700/43 Display Terminal with amber screen \$499.00 ea.

C1006G Opt. ABA HP 700/43 Display Terminal with green screen \$499.00 ea.

C1006W Opt. ABA HP 700/43 Display Terminal with softwhite screen \$499.00 ea.



HP 700 Display Terminals take the strain out of your work with a glare-resistant screen that displays crisp, clean characters and a tilt-and-swivel base that allows you to adjust the terminal to your most comfortable working angle.

Float your terminal above your desk!

Position your HP 700 Terminal where you need it most with this sturdy steel Swivel Stand. Raise it up to 228.6mm (9 in.) above your desk. Rotate it 360 degrees. Or clear it away from your desktop altogether. It's perfect for data entry!

There when you need it, gone when you don't!—simply swing your terminal out of the way! Your keyboard floats away too, on an attached holder. And the 360-degree rotation feature provides for easy terminal sharing.

Holds up to 50 pounds. This stand is great for any terminal or monitor with measurements similar to HP 700 Terminals*. Its heavy-duty clamp secures to work surfaces up to 50.8mm (2 in.) thick, with a minimum overhang of 50.8mm (2 in.). Minor assembly required.

92166C Swivel Stand for HP 700 Terminals (1–2 units) \$115.00 ea.
(3+) 109.00 ea.

*HP 700 Terminals measure 241.3 H x 298.5 W x 520.7 D mm (9.5 H x 11.75 W x 20.5 D in.).



Raise your terminal for a clearer personal view, or rotate it to share information with others. You'll avoid much of the neck, back and shoulder fatigue associated with data entry.

Need your desktop for other tasks? Just swing that terminal and keyboard to the side on this sturdy steel stand.



For additional terminal stands, see pages 42 and 120.

Data Communications & Power Conditioners



HP power line conditioners...engineered specifically to match the power requirements of Hewlett-Packard computer systems. To provide protection against power problems that can create computer problems, select from the surge suppressors/isolation regulators in this section.

Test devices	153-154
Multiple outlet power strips	154
Modems	155
Power line conditioners	156-159
Backup Power Supply	160

Eliminate the guesswork in RS232 testing



"The Datalogger has cut my interfacing time from hours to minutes. Before I purchased the Datalogger, I would quiver in my boots when a customer came up with an RS232 interfacing problem. Breakout boxes could not monitor all lines available, and LEDs could neither distinguish high and low voltages accurately, nor make multiple ties to a single lead. Troubleshooting was an impossible chore! The Datalogger, however, gives me red and green lights on all 25 leads on each side, and its 1/4-inch turret pins let me clip on as many leads as I will ever need. Using this fine tool has helped me to discern whether serial transmission problems lie in the interface or in the equipment. The instruction manual is also very helpful in covering all aspects of RS232 communications. Its interfacing and troubleshooting guides are a virtual guarantee that no data interface problem will ever beat me again."

Michael R. Eisen

Mike Eisen, President
Beacon Systems
Palm Springs, California

Datalogger Performance Pak™ quickly troubleshoots datacom problems

Datalogger is both a breakout box and a cable tester. It monitors high, low, off, and clocking signals on all 50 lines of a cable interface. The complete interface is shown on all the lines, which means no patching is necessary, and cable configuration can be tested in seconds.

The Datalogger Performance Pak™ comes complete with all necessary ac-

cessories: four jumper leads for patching, two 4 ft. Y-cables, hard cover, padded carrying case with accessories pouch and a 55-page interfacing guide/instruction manual which guides both beginning and advanced users.

92204N Datalogger Performance Pak™
(1-2 units) \$239.95 ea.
(3+ units) 219.95 ea.

92204U Additional Mini Clip Leads
(1 pkg. of 4) \$19.95 ea.

Universal cable for Datalogger Extension cable has both male and female 25-pin connectors on each end.

92204S Universal Cable (4 ft. or 1.2m) \$49.95 ea.

Pulse Tracker detects activity on two lines at one time

The Pulse Tracker is a pocket-sized, in-line device that detects pulse or data activity on any two signal lines simultaneously. It requires no batteries and can be used independently or in conjunction with the Datalogger. Instruction manual included.

92204T Pulse Tracker
(1-4 units) \$49.95 ea.
(5+ units) 46.95 ea.



Micropatch makes your custom interfacing a snap!

The Micropatch is an RS232 adapter that can be used to make a custom interface in just minutes without stripping, cutting, crimping or soldering, and without custom cables. It's designed with pins 1 and 7 wired straight through. All other pins allow plug-in patching. For a temporary fix or permanent connection, reusable patch wires can be inserted through a thin, self-healing silicone rubber. Plastic hood seals the wiring. Hardware is included for secure installation.

92204J Micropatch (male to male)
92204K Micropatch (male to female)
92204L Micropatch (female to female)
(1-4 units) \$29.95 ea.
(5+ units) 27.95 ea.



Minitracker/Minitracker Plus detects communication between two devices

If you simply need to determine whether or not two devices are communicating, either the Minitracker or the Minitracker Plus can get the job done. The Minitracker monitors the eight most commonly used RS232 (V.24) lines (2, 3, 4, 5, 6, 8, 11, 20). The Minitracker Plus monitors all 24 lines (1-6, 8-25) simultaneously with line 7 functioning as the signal ground. A red LED on indicates a high voltage (+3V to +25V) while a green LED on indicates a low voltage. Both LEDs flashing indicates data is transmitting. Both monitors are pocket-sized and require no batteries. Instructions included.

92204Q Minitracker
(1-4 units) \$29.95 ea.
(5+ units) 27.95 ea.

92204R Minitracker Plus
(1-4 units) \$49.95 ea.
(5+ units) 46.95 ea.

See page 76 for shielded RS232C gender converters.

Cable Test Adapter great for single-ended cable testing!

The Cable Test Adapter is an optional accessory used for single-ended cable testing. To determine open circuits, short circuits, or single-sided connections, simply connect one end of the suspect cable to the Datalogger and the other end to the Cable Test Adapter. Reverse the procedure to test both sides. Package includes male and female DB-25 connectors.

92204P Cable Test Adapter
(1-4 units) \$29.95 ea.
(5+ units) 27.95 ea.

Troubleshoot more quickly with our Protocol Analyzer's built-in testing capabilities

You're ready to troubleshoot the moment you unpack an HP Protocol Analyzer.

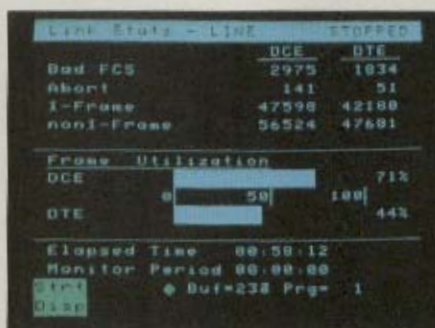
No need to waste time getting started, because monitor capabilities for most major protocols are built into the operating system. And because an autoconfigure feature determines line configuration reliably, you begin testing at the touch of a softkey.

There's no need to waste time developing test programs either, because each analyzer comes with pre-written monitor and simulation programs. You can customize these programs for special conditions. And because we offer software to expand testing versatility for SNA, X.25, ISDN, DDCMP and IBM 3270, you seldom write test programs from scratch.

Test fast... or faster The HP 4951C runs up to 19.2kbps. For testing up to 64kbps, choose the HP 4952A Option 002.

This analyzer offers the advanced capabilities of the HP 4951C and more: unattended remote testing, cursor timing, buffer data filtering, selective storage-to-disk and complete disk copying, plus enhanced programming features.

You also get ¼ Mbytes of memory for data storage, and 128 Kbytes of non-volatile RAM for internal application storage.



Free video fast-forwards your expertise

Each analyzer comes with a video, to introduce you to the features and benefits of our analyzers. You also receive "Getting Started," a reference handbook with actual sample data. What faster way to become proficient?



Convenient, too Our analyzer enables you to store data on 3.5-inch disks, making it easy to transport your findings to other sites or analyzers.

Both models offer built-in bit error rate testing, for further convenience. And all models come in a highly portable, 7kg (15 lb) package.

4951C 19.2kbps Protocol Analyzer \$3,980.00 ea.
4952A Opt. 002 64kbps Protocol Analyzer (similar to 4951C, includes extra memory) \$8,540.00 ea.

Required (select one):

18180A Interface Pod (RS232/V.24 and RS449/422A/423A) \$910.00 ea.
18179A RS232/V.24 Interface Pod with full break-out box \$660.00 ea.

Optional:

18332D 3270 Software \$350.00 ea.
18333D X.25 and SNA Link Level Statistics \$350.00 ea.
18331D X.25, DDCMP, SNA Decodes \$350.00 ea.
18280A ISDN Basic Rate Interface \$810.00 ea.
18334D ISDN Software (for the 4951C) \$350.00 ea.
18268A ISDN Software (for the 4952A) \$350.00 ea.

HP Protocol Analyzers feature built-in datacomm-line monitoring, automatic line configuration and a disk of 58 pre-written monitor and simulation programs.



Organize power cords for convenience and safety

For your convenience, HP now offers two U.S. power strips. Both have cases made of seamless steel with a baked-on finish for durability.

Each features a 1.8m (6 ft.) power cord with molded U.S. connector. Electrical rating: 15A, 125 VAC, 60 Hz, 1875 W, continuous duty.

Multiple Outlet Strips

Description	Dimensions	Product No.	Price
6 outlet, office/home use, UL approved, beige, and includes a master switch (not approved for use in Canada)	25 H x 64 W x 305 D mm (1.0 H x 2.5 W x 12 D in.)	92199A	(1-4) \$35.00 ea. (5-9) 32.00 ea. (10+) 30.00 ea.
5 outlet, system rack use (92211R for example), UL/CSA approved, HP gray color	38 H x 51 W x 222 D mm (1.5 H x 2.0 W x 8.75 D in.)	92199B	(1-4) \$36.00 ea. (5-9) 33.00 ea. (10+) 31.00 ea.



92199A Multiple Outlet Strip



92199B Multiple Outlet Strip



Call HelpLine for fast technical help

Get expert answers to your HP PC software and hardware configuration questions with an HP HelpLine Call Certificate.

Each HP HelpLine Call Certificate entitles you to one HP HelpLine call. A "call" consists of an in-depth discussion of a single topic and related information with an HP support specialist. You can make a call Monday through Friday, 7 a.m. to 9 p.m., EST. Whether resolution of your question takes five minutes or 30, there's no additional charge.

Certificates are available in packs of five, valid for a full year after purchase.

35159A HelpLine Call Certificates	
(1 pack)	\$220.00 ea.
(2-3)	210.00 ea.
(4+)	200.00 ea.

Transfer data quickly with Smartmodem 2400

Get the Hayes Smartmodem 2400™ to reduce the time and cost of data transmissions to micro- and minicomputers.

Use it to download information in synchronous mode, to connect with information services in asynchronous mode, or to send data to minicomputers at other locations.

The Smartmodem operates at several speeds, including 2400bps for economical high-volume communications. And it automatically adjusts to 300, 600 and 1200bps to accommodate modems with varying speeds.

92205B Hayes Smartmodem 2400	
(1 unit)	\$499.00 ea.
(2-5)	440.00 ea.
(6+)	420.00 ea.



We ship same day

CALL HP DIRECT
800-538-8787



Get a Black Jack for easy communications on the road

The Black Jack™ portable modular jack ensures superior telecommunications for your PORTABLE or Portable PLUS—even in offices without modular jacks.

Use this direct-connect device with any phone that has a removable mouthpiece. It transmits at 0-1200 baud, over ordinary telephone lines. And unlike acoustic couplers, it prevents distortion of your data transmission by environmental noise. Cables not included. ☐

92204F Black Jack	\$59.00 ea.
--------------------------------	-------------



Transfer data easily with Smartmodem 1200

Depend on the Hayes Smartmodem 1200™ for simplified communications with computers, databases, information services and bulletin boards.

Like the Smartmodem 2400, the Smartmodem 1200 adjusts automatically to accommodate incoming data—whether it's sent 300 or 1200bps. Auto-dial/auto-answer lets you take advantage of lower nighttime telephone rates, and an indicator light and speaker let you monitor the

progress of outbound calls.

Set-up is easy, too: Just connect the Smartmodem 1200 to the RS-232 port of your computer, then plug it into a phone jack.

92205A Hayes Smartmodem 1200	
(1 unit)	\$399.00 ea.
(2-5)	350.00 ea.
(6+)	335.00 ea.

For cables, see pages 78-86.

Power conditioners—Insurance for HP computer systems

Modern MIS managers use power conditioning to get the most out of their computer systems every day. They know that power problems create computer problems:

- Disk errors
 - Lost data
 - Garbled printouts
 - Overheating of internal power supplies
- Why should you wait until problems like these occur?

Dirty power Electrical noise, sags, and surges are the most common electrical disturbances your system encounters. Noise can be created by electric motors inside your building, such as copy machines, or by outside forces like lightning. Start-up of heavy equipment, like a hard disk drive, requires start-up currents well in excess of normal operating levels. And in some locales, brownouts or power reductions have become a fact of life.

What can you do?

Cleaning up and regulating the power that drives computer systems is the job of power conditioners. HP engineers have matched the power requirements of HP systems with a set of tough performance standards for power conditioners. The result is a family of products that will help you get optimum reliability and performance from your system.

HP offers two types of power conditioning devices. Use the table at the right to determine what power conditioner is best for you.



Power conditioning comparison guide

Major types of power disturbances	Common power-line problems	Recommended solutions	
		Surge Suppressor	Small Isolation/Regulators
Electrical noise	High-voltage transients caused by lightning	✓	✓
	Spikes caused by utility network switching	✓	✓
	Ringings disturbances caused by power-factor correction capacitor switching by the utility		✓
	Transients caused by the operation of electrical devices such as machine tools, air conditioners, lighting systems and office equipment	✓	✓
Voltage fluctuations	Brownouts		✓
	Undervoltages and overvoltages caused by power-line faults and fault clearing devices		✓
	Voltage fluctuations caused by start-up of heavy equipment such as elevators		✓
	Chronic low voltage due to overburdened distribution networks		✓
	Voltage fluctuations caused by user-owned generators		✓
Other types of power problems	Ground not dedicated or isolated		✓
	Shock hazard		✓

Features comparison

	Surge Suppressor	Small Isolation/Regulators
Regulation and Isolation		✓
Output voltage	120V	120V
kVA Range		1-2
Regulation/Isolation Switch		✓
Regulator Range Indicator		
Fuse Indicator		

Which power conditioner is right for your HP computer system?

Power conditioner/HP computer system compatibility

Use the guide below to choose the power conditioner best suited to protect your HP computer system. The darkest shading indicates optimum compatibility. (These are single phase devices.)

HP computer system	Surge Suppressor—page 159	Small Isolation/Regulator—page 158
HP 1000		
HP 3000/9000		
HP Vectra		
HP Touchscreen (150)		

Note: The correct power line conditioner for your computer system also depends on what peripherals are configured in your system.

How to calculate what kVA size power conditioner your computer system needs

- 1 Read the MAXIMUM CURRENT RATING on the back label of each component in your system.
- 2 Multiply the MAXIMUM CURRENT by the VOLTAGE being used (i.e. 120 volts or 240 volts). Divide by 1000 to get kVA size of each component.
- 3 Add the kVA calculations of each component to get a total system kVA.
- 4 Select an HP power conditioner with a rating larger than the system kVA rating (typically 20% larger).

Example:

HP Equipment	On label	Conversion	kVA
Computer	3A	$3A \times 120V^* = 360VA$	0.36
Disk Drive	2A	$2A \times 120V^* = 240VA$	0.24
Printer	2A	$2A \times 120V^* = 240VA$	0.24
Total kVA			0.84

*These are 120V, 60 Hz single phase units.

In this case, a 1 kVA-unit best fits your current needs. If you have plans to expand your system by either adding peripherals or changing CPUs, a 2 kVA-power conditioner will allow for that expansion.

Specifications

The following specifications are the requirements that line conditioning devices must meet to be recommended for use with Hewlett-Packard computer systems.

Sizes

1.0, 2.0 KVA

Frequency, 60 Hz

Input Voltage 120 VAC Output Voltage 120 VAC

Frequency Tolerance

Input +3%

Transformer Impedance

3-5%

Efficiency

>96%

Load Power Factor

Unity to 0.3 Leading or Lagging

Harmonic Distortion

<1% Added

Waveform Distortion at Tap

Switching

<1% Added

Noise Rejection (Typical)

Common Mode Transverse Mode
-120 dB -60 dB per decade
(0.1-10 Hz) (1 KHz-10 MHz)

Voltage Regulation Range

Input Output
+7 to -23% of $\pm 5\%$
Nominal

Correction Times

1 Tap Adjustment: 1 Cycle
Full Range Adjustment: 2 Cycle

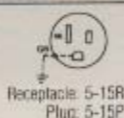
Overload Inrush Rating

200% at 10 seconds

1000% at 1 Cycle

Operating Environment

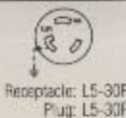
Temperature: 32 to 105 Degree F
(0-40 Degree C)
Humidity: 10 to 90% RH
Non-Condensing



Receptacle: 5-15R
Plug: 5-15P



Receptacle: 5-20R
Plug: 5-20P



Receptacle: L5-30R
Plug: L5-30P



Receptacle: 5-50R
Plug: 5-50P



Receptacle: 6-30R
Plug: 6-30P



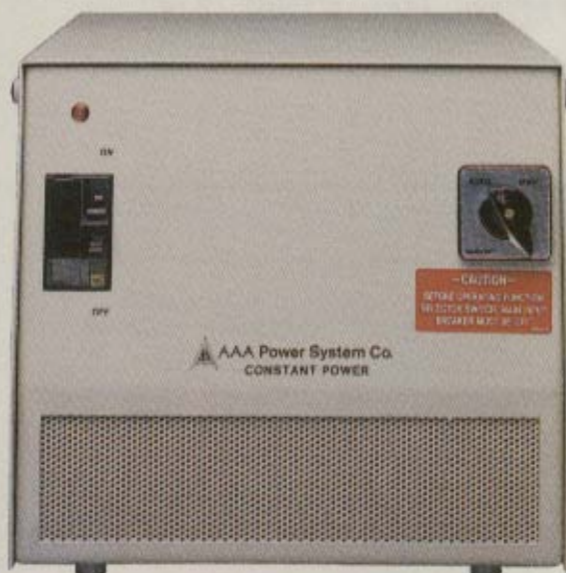
Receptacle: L6-30R
Plug: L6-30P



Receptacle: 6-50R
Plug: 6-50P



Receptacle: L6-20R
Plug: L6-20P



Small Isolation/Regulators— For protection of small computer systems

Use HP's small Isolation/Regulators to protect your small computer system from electrical noise transients and voltage fluctuations. These small Isolation/Regulators comply with the IEEE 587A-1980 standard, are UL and CSA-approved and are backed with the original manufacturers 180 day warranty. Dimensions: 26.8 H x 28.2 W x 39.7 Dcm (10.5 H x 11 W x 15.5 D in.)

Small Isolation/Regulators

Input voltage	Output voltage	kVA	Shipping weight	Input connector	Output receptacles*	Product number	Price
120	120	1	50 lbs.	5-15P	5-15R2	46296G	\$ 935.00 ea.
120	120	2	60 lbs.	5-20P	(2)5-20R2	46296H	\$1200.00 ea.

*R2 - Duplex



Cable management kit keeps cables out of sight—out of mind

Tired of tangled cables? Worried about expensive equipment accidentally being pulled to the floor? Frustrated when cables invade your workspace? Then tame your cables with HP's Cable Management Kit.

Each kit contains a 1.8m (6 ft.) flexible plastic tube, which is slit to provide convenient cable entrance and exit. Also included are five snap-together straps that can be used to attach the tube to any clean, nonporous surface. Velcro-like squares allow the straps to be mounted on a wall, desk, under a bookcase or other convenient location.

The tube is 1 inch in diameter so that several cables can be routed together; if data transmission problems occur, remove the power cord(s) and route separately.

92199F Cable Management Kit \$18.00 ea.



Protect your people and your equipment

Use these handy cable covers to eliminate costly accidents. These covers are made of long-lasting, flexible vinyl and come complete with double-faced adhesive tape for quick installation.

The 4.8m (15 ft.) lengths can be trimmed to size with a sharp knife or butted for longer lengths. Beige or brown colors will match your office decor. The pre-slit channel accepts a cable up to .44 in. (7/16 in.) (11mm) diameter.

92199C Beige Cable Cover, 4.8m (15 ft.) roll \$32.00 ea.

92199D Brown Cable Cover, 4.8m (15 ft.) roll \$32.00 ea.

Note: HP does not recommend placing a power cord and a data communications cable in the same channel.

Protect your personal computers and peripherals with surge suppressors

Use HP's Surge Suppressors to protect your personal computer and peripherals against electrical surges/transients. HP Surge Suppressors also have EMI/RFI noise filtering. These units feature three-stage circuitry to detect and dissipate dangerous electrical surges on your power line and they have a resettable circuit breaker. All HP Surge Suppressors comply with IEEE 587-1980 standards and are UL and CSA-approved. Find out how to determine what power conditioner to use with your computer system on page 157.



Surge Protection Specifications

Applicable line voltage: 120V_{RMS} nominal, 15 Amp Capacity

Temperature: -25 to +75°C operating; -50 to +100°C storage

Operating humidity: less than 95% noncondensing

Standby current: less than 1 milliamp

Characteristics	Stage 1	Stage 2	Stage 3
Component clamping response (seconds)	5×10^{-12} (5 psec)	5×10^{-9} (5 nsec)	1×10^{-6} (1 μ sec)
Power dissipation in 100 microseconds (watts)	15,000	800,000	1,000,000
Rated energy absorption (joules)	1.5	80	100
Clamping level (volts peak) at 1ma	200 $\pm$ 5%	200 $\pm$ 10%	230 $\pm$ 15%
Max. single impulse current (amps)	5	6,500	5,000

Protection mode: Transverse and Common (3-stage models)

Protection status indicator: Circuit Integrity Lamp shows that protection circuit is functional. If lamp is out, unprotected power is usually still supplied. (If lamp is out, unit should be replaced.)

RFI & EMI noise protection filtration

Noise attenuation range: -5 dB to -40 dB

Frequency: 100 kHz to 30 MHz

Surge Suppressors

Description	Number of 5-15R Receptacles	Dimensions	Product Number	Price
Surge Suppressor	2 (no cord)	51 W x 114 D x 51 H mm (2 W x 4.5 D x 2 H in.)	92165A	(1 unit) .. \$69.00 ea. (2-4) 64.00 ea. (5+) 59.00 ea.
Surge Suppressor	4 (6 ft. cord)	127 W x 179 D x 51 H mm (5 W x 7 D x 2 H in.)	92165B	(1 unit) .. \$89.00 ea. (2-4) 84.00 ea. (5+) 79.00 ea.
Surge Suppressor	6 (6 ft. cord)	127 W x 179 D x 51 H mm (5 W x 7 D x 2 H in.)	92165C	(1 unit) .. \$99.00 ea. (2-4) 94.00 ea. (5+) 89.00 ea.

Our low-capacitance Transient Surge Protectors won't sacrifice ports for signals



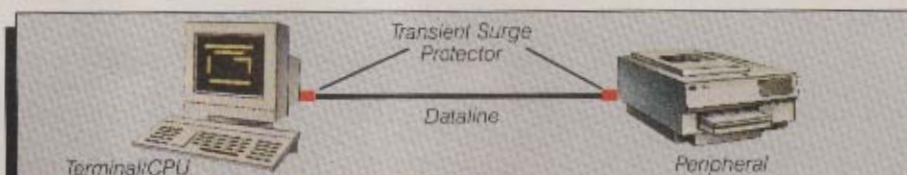
All-metal exterior provides extra RFI protection.

Protection of pins 2-8 and 20 ensures compatibility with all HP and most non-HP devices.

When it comes to transient protectors, you get what you pay for. With HP, you get more.

That's because our Transient Surge Protector is specially designed to protect your equipment's data lines from electrical noises, without transmission-distorting increases in capacitance.

Don't expect this from bargain-priced surge protectors—they usually rely on increased capacitance in order to protect data lines.



RS-232 Surge Protection Specifications

Characteristics:

Low capacitance steering diodes with high-speed TransZorbs. Minimizes added line impedance.

Pins 2-8 and 20 protected. Referenced to pin 1—chassis ground.

Size: 13 H x 53 W x 49 D mm (0.495 H x 2.1 W x 1.92 D in.)

Weight: 36g (1.3 oz.)

Enclosure: All metal for extra RFI protection.

Clamp voltage: ± 26 volts typical; ± 40 volts maximum.

Clamping response: 60ns

Power dissipation:

4k watts (100 μ s)

9k watts (20 μ s)

Line capacitance: 30-60pF

Unfortunately, this leads to signal distortion, which can result in scrambled data transmission or transmission failure.

Protect your data and your equipment! Install HP Transient Surge Protectors at the end of each link. Available with 90-day replacement warranty.

92165R Transient Surge Protector

(1 unit)	\$49.00 ea.
(2-9)	45.00 ea.
(10-24)	41.00 ea.
(25+)	35.00 ea.

Note: HP warranties and/or service contracts do not cover damage if RS-232 cable exceeds the 50-foot limit of the RS-232 standard.

Don't risk losing your data at the slightest chance of a power failure with our HP Back-up Power Supply



You may think your data is safe with just any Backup Power Supply. With a BPS that's slow to switch on during a blackout, your HP Vectra PC can still lose its memory. The HP Vectra needs power within 8 milliseconds.

The HP BPS transfers power to your PC or Technical Workstation in less than 2 milliseconds.

When a power failure hits, hours of hard work could be lost in an instant—unless you have backup power.

And just because you have a backup device at your HP Vectra or technical workstation doesn't mean your data and disk are completely safe during a blackout—unless you have HP's. In fact, anything less than HP's Backup Power Supply (BPS) could be like having no stand-by devices at all.

The right specs HP's BPS is built to meet HP's strict requirements for an HP Vectra or Technical Workstation backup device. It combines sine-wave, low-distortion, quick-transfer time and synchronized transfer to provide the temporary power needed to prevent disk damage and data loss until you can save your file and shut down.

The right solution While most backup power supplies take 10 to 30 milliseconds, most computers lose their memory in less time. For example, the HP Vectra needs power within 8 milliseconds. HP's BPS provides power in less than 2 milliseconds.

HP computers, like most computers, require sine wave input for the right kind of power. Most backup devices transmit square waves or variations that carry "noise." HP's BPS uses sine wave to transmit the appropriate power.

Compared to other BPS of the same size, HP's has a distortion rate of <5% which ranks among the lowest.

And through synchronized transfer, whatever the wave formation coming in to the computer is precisely what the computer will see. No sags, no inconsistencies. And of course, the HP BPS is UL listed and CSA approved for safety, and comes with a one-year replacement warranty.

46296A HP Backup Power Supply \$665.00 ea.



Sine wave
(from HP BPS)



Square wave
(from non-HP BPS)



Pulse-width modulation wave
(from non-HP BPS)



Most computers expect sine wave input for "clean" power. But most Backup Power Supplies are designed to produce easier-to-generate square waves which can carry too much

power as well as harmonics which can cause overheating. Although the modulated waveform tempers the square wave's energy, it can still carry distortion.

Specifications

Output Voltage (VAC): 115V

Output: 500 watts, 4.4 Amps

Run time: 9-25 minutes

Distortion: <5% (linear load)

Switching: Transistorized

Output: Sine wave

Batteries: Sealed lead-acid

Transfer time (includes detection time):
<2 milliseconds

Synchronized transfer

Weight: Unit 40 lbs., shipped 43 lbs.

Size: 5.5 H x 15.25 W x 9.25 D in.

Output receptacles: 4 x 5-15R

Includes built-in surge suppressor

Lamps:

Amber—Indicates AC present at output receptacles. Flashes when on inverter.

Red—Indicates overload condition, whether on AC line or inverter.

Green—Indicates charged battery. Lamp is off when running on inverter or charging battery.

Alarms:

Overload—Continuous sound to indicate overload condition. Automatic reset when overload removed.

Loss of AC—Sounds once every 8.5 sec. to indicate line has failed. Automatic reset to off when AC line returns.

Low-Battery Warning—Sounds once every 2 sec. when voltage nears automatic system shutdown. Automatic reset to off when AC line returns.

UL listed and CSA approved

A.

Album file
Data cartridge 96
Flexible disks 92
Analyzer, Protocol 154
Anti-glare filters 123
Antistatic
protection 122-123

B.

Backup power supply 160
Battery recharger 43
Batteries 43, 132
Binders
Data binder handles 118
Documentation 140
Books
Calculator 133, 137
Database 138
Operating systems 137
Personal computers 136
Programming
languages 137
Reference
..... 134-136, 138-139

C.

Cabinets ... 59, 107, 118-119
Accessories 118
Cables
Accessories 71-73, 75
Books 71
Cable management kit ... 75
Computer ... 77, 80, 85-86
Centronics-
type ... 21, 39, 78-83, 85
Connector kits 74
Covers 75
Gender converters 76
HP-IB 76
HP-IL 76
Local Area
Network 8, 69-73
Modem 78-80, 85-86
Multiplexer 86
Mult. outlet strips 75
Personal
computer 5, 77-80
Plotter 78-80, 83-84
Power cords 75
Power strips 75
Printer 5, 81-83
RS232C extension 77
SCSI 86
StarLAN 70
Terminal 85
ThickLAN 73
ThinLAN 72
Unterminated 74
Video extension 77, 85
Calculators 9, 128-130
Accessories
..... 9, 49, 130-133
Cards
Magnetic 131
Memory 143
HP-HIL Interface 144
Serial/Parallel 142
Carrying cases 4, 40, 98,
125, 131-132

Cartridge fonts, plug-in

Impact 47
LaserJet 5, 14-17
DeskJet 38
PaintJet 32-33
RuggedWriter 44
Cartridge storage 96, 144

Cartridges

Accessories 144
Data 93, 144
Disk 100
Easy load mag tape 97
Casters, chair 112
Casters, table 112
Chairs, ergonomic ... 116-117
Cleaning kits & supplies
Bulk 67, 101
Drives 101-102
Monitor 102, 122
Plotter 67
Printer 48
Vacuum 28

Color graphics printer

Accessories &
supplies 32-34
Copyholder 42, 122

D.

Daisywheel printer
Accessories &
supplies 45-48
Data cartridge 94-95
Data communication
Modems 155
Peripheral-sharing ... 29-30
Test devices 153
DeskJet printer
supplies ... 4-5, 35-38, 146
DeskWriter printer
supplies 4-5, 34
Digital cassettes 94
Disk cartridges 100
Disk, Optical 88
Disks, microflexible ... 89-90
Cleaning supplies 102
Storage &
accessories 91-92
Disks, rigid 99-100
Accessories 100
Storage cabinets ... 118-119
Disk/tape cleaning
supplies 102
Documentation
Binders 140
Index 134
Drafting plotter
accessories 2-3, 62-65
Drum kit, laser printer 27
Dust covers 33, 35, 43,
124, 145

E.

Emulation cartridges 36
Enclosure, sound 59, 113
Envelope feeders 24

F.

Filters, anti-glare 123
Flexible disks 89-90
Accessories 91-92, 144

Fonts

DeskJet 4, 37-38
Impact printer 47
Desktop LaserJet ... 14-17
LaserJet 5, 14-17
RuggedWriter 44
PaintJet 34
Forms
Printer layout 48
Furniture
Bracket kit 106
Cabinets 59, 117, 119
Chairs 116-117
Design Plus 104-108
MicroManager 114-115
Standard 110-112
Workstations 104-115

G.

Gloves, cleaning 67, 102
Graphic
supplies 52-53, 59-61

H.

Head alignment tape 98
Helpline Call
Certificates 155
HP-IB cables 76
HP-HIL devices
HP Mouse 142
HP-HIL interface card ... 144
HP-IL accessories 131
HP-IL cables 76

I.

Impact printer
accessories 44-48
Index, computer
documentation 134
InkJet printers 39
Supplies 32-43
Interface cards 142, 144
Interface kit 9
Interface modules 131
Isolation/Regulators 158

K.

Keyboard parks 44, 145

L.

Labels 5, 23, 41, 98, 147
Lamp 107
LaserJet printers
Accessories 22, 25-27
Books 134
Cabinet 109, 114
Cables 5, 81-82
Dust covers 24, 124
Envelope feeder 24-25
Fonts, plug-in 5, 14-17
Labels 23
Memory expansion
boards 20
Mobile printer
cabinet 26, 106
Organizer, font 15, 27
Organizer, LaserJet 26
Paper 27

Paper trays 25, 27
Scalable typefaces ... 18-20
Sharing devices 29-31
Software 5, 21-22,
146-147
Toner & disposal
containers 13, 27
Transparency film 23
Vacuum & supplies 28
Laser page printers
Accessories &
supplies 27
Vacuum & supplies 28
Learning courses,
self-paced ... 136-138, 147
Local Area Network (LAN)
Cables &
accessories ... 8, 69-73

M.

Macintosh
Cables 5, 9
Interface kit 9, 34
Software 6, 21, 146
Terminal emulation 6
Magazines 24, 135
Magnetic tape
Accessories 98
Auto load cartridges ... 47
Manuals
Computer 138-139
Local Area Network ... 71
Mats
Antistatic 122
Media handling
Accessories 33
Catchers 60
Paper trays 33, 60
Sheetfeeders 44
Memory
Boards/cards 7, 143
Expansion boards
LaserJet series 20
Vectra 143
Modules 131
Microfloppy disks 89-90
Accessories &
storage 91-92, 144
Modems 155
Mouse 7, 142
Multiple outlet strip ... 75, 154
Multiplexer cables 86

O.

Optical disks 88
Accessories & storage ... 96
Organizers
Plotter 52, 59-60
Printer ... 24, 26-27, 35, 59
Outlet strips 75, 154
Overhead transparency
LaserJet film 23
Plotter film 58
Plotter supplies 56

P.

PaintJet printers
Supplies 6, 32-34,
124, 147

Paper

Architectural
 plotter 57, 62
 Blank roll 57, 61-62
 Electrostatic plotter 67
 LaserJet 27
 PaintJet 32
 Plotter 57-58, 61-62
 QuietJet 43
 Thermal 49, 131
 ThinkJet 43
 Paper tape 48
 Paper trays 25, 27, 44, 60
 Pens
 Adapters 61
 Drafting 2-3, 64-65
 Plotter 55-56
 Peripheral sharing 10, 29-30
 Plotters 52-53
 Dust covers 124
 Electrostatic
 supplies 66-67
 Media 57-58, 62
 Media handling
 accessories 33, 60, 66
 Organizers 59-60
 Paper 57-58, 61-62
 Pens 2-3, 55-56, 63-65
 Polyester film 62
 Software 34, 48, 146
 Sound enclosure 59, 113
 Stands 33, 59, 108,
 115, 121
 Supplies 54, 56, 58,
 60-61
 Toner, Electrostatic 66
 Transparency film 58
 Vellum 62, 66
 Portable computer
 accessories 131
 Power cords 75
 Power line
 conditioners 156-159
 Printers, Impact/InkJet 39
 (also look under printer
 names, ie. LaserJet,
 PaintJet)
 Accessories 10, 27,
 43-44, 48
 Accessory kits 40
 Cables 81-83
 Carrying cases 4, 43, 125
 Dust
 covers 33, 35, 43, 124
 Emulation cartridges 36
 Ext. power module 43
 Fonts
 33, 36, 38, 44, 46
 Labels 41
 Layout forms 48
 Organizer 26, 35
 Paper 32, 43, 48-49
 Paper
 catchers 33, 41, 43, 48
 Peripheral
 sharing 10, 29-30
 Print cartridges
 32, 36, 40, 43, 48
 Printwheels &
 accessories 47-48
 Ribbons 45-46
 Sheetfeeder
 accessory 44

Software

..... 21-22, 34-35, 147
 Sound enclosures 113
 Stands
 33, 41-44, 106, 108-
 109, 114-115, 121
 Tape 48
 Transparency film 23, 32
 Printout storage
 cabinets 118-119
 Programmable
 calculators 129
 Punch, VFU tape 48

Q.

QuietJet, QuietJet Plus 39
 Supplies 40-43

R.

Racks, storage
 LAN 8
 Magnetic tape 98, 119
 Removable disk 100
 Ribbons 45-46
 Rigid disk 100
 RuggedWriter
 Supplies 44

S.

Scalable typefaces 18-20
 ScanJet
 accessories 124, 134,
 138
 Security kits 126
 Security locks 126, 145
 Self-paced
 courses 9, 136-138, 147
 Services
 Computer users
 groups 135
 Helpline Call
 certificates 155
 Software upgrade/
 replacement 135, 147
 Sheetfeeder accessory 44
 Sheetfeeder paper tray 48
 Software
 Calculator 131
 Macintosh 34, 147
 PC 6, 146-147
 Printer
 utility 5, 20-22, 34-35,
 48, 146-147

Software

upgrades 6, 135, 146-147
 Solution books 133
 Sound enclosures 59, 113
 SRM accessory 71
 Stands
 Monitor 151
 PC 145
 Plotter
 33, 59, 108, 115, 121
 Printer 33, 41-44, 106,
 108-109, 114-115, 121
 Terminal 42, 120, 151
 Static protection 122-123
 Storage
 Cabinets 59, 117-118

Printout/

Documentation 118
 Rack, mag tape 98, 119
 Rack, rigid disk 100
 Subscriptions 135
 Support programs
 Helpline Call
 certificates 155
 Surge protection 159
 Switches (RS-232)
 ABC 30
 Dual ABC 30
 HP-IB ABC 30

T.

Tables
 Design Plus
 System 104-108
 Mobile 109, 111-112
 Workstation 104-115
 Tape
 Color/numbering kit 98
 Data cassettes 95
 High-density data
 cartridges 95, 144
 Mini data cartridges 95
 Paper perforator 48
 Reels, magnetic tape 98
 Tape storage 98, 119
 Terminals 148-151
 Terminals & accessories
 6, 42, 85, 120, 124, 146
 Terminal furniture
 42, 104-115, 120, 151
 Test devices 8, 153-154
 Thermal paper 49, 131
 Thermal printer 131
 ThinkJet
 Supplies 40-43
 Toner 12-13, 27, 66
 Tools 71, 74, 123
 Tracing bond, plotter 62
 Transparency film 23, 32, 58
 Troubleshooting 8, 70, 154
 Tutorials 9, 136-138, 147
 Type font
 Cartridge fonts
 LaserJet 14-20
 DeskJet 4, 38
 Plug-in character style
 (2934A) 47
 RuggedWriter 44
 Scalable 18-20
 Soft fonts (DeskJet) 36-37
 Soft fonts (PaintJet) 33

V.

Vacuum & accessories 28
 Vellum, drafting 62
 VFU tape, punch/splicer 48

W.

Workstation furniture
 CAD
 workstations 104-112
 Caster set 112, 117
 Chairs 116-117
 Copyholder 122
 Design Plus 104-108

LaserJet 106, 114-115
 Mobile drawer
 unit 107-108, 112
 Mobile PC Center 113
 PC workstation 114-115
 Storage cabinets 118-119
 Suspended drawer
 unit 112
 Tables 106, 111
 Tasklight 106, 112
 Work surface
 extension 106, 112

Calculator, Business;

- HP 10B/HP 12C/HP 14B/HP 17B/HP 19B/HP 17BII/HP 19BII .. 128
- Accessories 131-132
- Battery info 132
- Carrying cases 132
- Handbooks 133, 137
- Infrared printer 131
- Service and repair 175
- Tech. support 174

Calculator, Programmable;

- Accessories 130-132
- Digital cassette drive .. 131
- Extended memory module 131
- HP-IL accessories 131
- Handbooks 133
- Infrared printer 131
- Peripherals 131
- Software 131
- ThinkJet printer 39
- Users' Libraries 174

Calculator, Scientific;

- HP 20S/HP 22S/HP 27S/HP 28S/HP 32S/HP 42S/HP 48SX 9, 129-130
- Accessories 9, 130-132
- Battery info 132
- Carrying case 132
- Handbooks 131-133, 137
- Infrared printer 131
- Printer case 131
- Service and repair 175
- Tech. support 174

Calculators;

- 110 Adapter/recharger 131
- Accessories 131-132
- Battery info 132
- Battery pack 131
- Power pack 131
- Service and repair 175
- Tech. support 174
- Thermal paper 49, 131

Computer, HP 1000

- Cables 79
- Flexible disk & accessories 91-92
- HP-IB cables 76
- LAN cables 69-73
- Manuals 139
- Mini data cartridges 93
- Modems 155
- Power line conditioning 158
- Self-paced FORTRAN course 137
- Software 6, 146

Computer, HP 3000

- Cabinets 106-108
- Cable connector kits 74-75
- Cables 77-86
- Flexible disks & accessories 91-92, 100
- HP-IB cables 76
- HP users' group 135
- LAN cables 69-73

- Manuals 139
- Mini data cartridges 93
- Modems 155
- Power line conditioning 158
- Software 6, 146
- Tutorials 137

Computer, HP 9000

- Books 137
- Cabinets 106-108
- Cables 69-73
- CAD workstations ... 105-106
- Flexible disks & accessories 90-92
- HP-IB cables 76
- LAN cables 69-73
- Power line conditioning 158
- Manuals 139
- Software 6, 146
- SRM accessories 71
- Thermal paper 49
- Tutorials 9, 138

Computer, The PORTABLE / Portable PLUS

- Cables 78
- Flexible disks & accessories 89-92
- HP-IL Interface card .. 131
- HP PC Communicator 135
- HP users' group 135
- Modems 155
- Printers 39
- Software 147
- The Portable Paper 135
- Trade publications 135

Computer, HP Touchscreen

- Cables 79
- Flexible disks & accessories 89-92
- HP PC Communicator 135
- HP users' group 135
- Keyboard park 120
- LAN cables 69-73
- Modems 155
- Peripheral sharing devices 29-31
- Plotters 52-53
- Printers 39
- Security locks 126
- Surge suppressors 159
- Thermal paper 49
- Trade publications 135

Computer, HP Vectra

- Books 133-136
- Cables 80
- Dust cover 124
- Flexible disks & accessories 89-92
- HP PC Communicator 135
- Interface accessories 142, 144
- Keyboard parks 120
- Manuals 138
- Memory expansion cards 7, 143
- Memory upgrade ... 7, 143

- Modems 155
- Mouse 4, 142
- Peripheral sharing devices 29-31
- Plotters 52-53
- Printers 39
- Rack-mount shelf kit ... 145
- Security locks 126, 145
- Software 6, 146-147
- Stand 120
- Surge suppressors 159
- Tape cartridges 95
- Trade publications 135
- Tutorial 136

Computer, HP Vectra LS (portable)

- Books 133-136
- Cables 78
- Flexible disks & accessories 89-92
- Modems 155
- Printers 38
- Software 6, 146-147
- Trade publications 135

Computers, HP Series 200

- Model 16/Series 200**
- HP-UX Models 217, 220 & 236/Series 200 Models 217 & 237/HP 120/125/250/9815A/9816A/9825A/B/S/T/HP 9830A/B/9835A/B/9836A/9845A/B/C/S/T/9915A**
- Anti-glare filter 123
- Books 133-136
- Flexible disks & accessories 89-92
- HP users' group 135
- Keyboard park 120
- Mini data cartridges 95
- Modems 155
- Printers 38
- Thermal paper 49
- Trade publications 135

Drives, Cassette; 9865A/

- 82161A** 131
- Mini data cassettes 95

Drives, Disk; 7900A/7901A/

- 7905A/7906A/7907A/7920H/M/S/7925H/M/S/7935H/8290X/9114A/B/9121S/D/9122S/D/9123D/9125/9127A/9135A/9133D/H/L/9885M/S/9895/45811A/45812A/48713A**
- Cleaning kits 102
- Disk cartridge 99-100
- Disk pack 99-100
- Disk storage rack 100
- Flexible disks & accessories 89-92
- Removable disk cartridge 99-100
- Removable media module 99-100

Drives, Optical

- Cabinets 107-108
- Disks 88

- Holders 96
- Rack cabinets 96

Drives, Tape; 7942A/7946A/7970/7971/7974/7976/7978/7979/7980/9142A/9144A/9145A/9153A/B/9875A/9875A/9877A/35401A

- Data cartridge tray 96
- Data cartridges 95
- Magnetic tape 97
- Manual (7970 only) 138
- Mini data cartridge 95
- Reel labels 98
- Tape storage 98

Drives, Winchester; 7908A/7911A/7912A/7914A

- Data cartridges 95
- Manuals 138

Plotter, ColorPro (7440A) /

- HP 7475A** 97-98
- Cables 83-84
- Carousels 61
- Carrying cases 125
- Cleaning supplies 61
- Digitizing sight 61
- Dust covers 124
- Graphics organizers ... 59
- Manuals 138
- Media 57-58, 62
- Pen carousel 61
- Pen organizers 60
- Pens 56
- Peripheral sharing devices 30-31
- Plotter points 65
- Replacement boots 61
- Sound enclosure 59
- Stand 61
- Transparency film 58

Plotter, DraftPro, HP 7570A, DraftPro DX, DraftPro EXL

- Cables 83-84
- Carousels 61
- Cleaning supplies 61
- Digitizer sight 61
- Dust covers 124
- Media 57-58, 62
- Pen carousel 61
- Pen organizers 60
- Pens 2-3, 56, 65

Plotter, DraftMaster I/II, HP 758X/7595/7596

- Adapters 61
- Cables 83-84
- Carousels 61
- Cleaning supplies 61
- Digitizer sight 61
- Dust cover 124
- Manuals 138
- Media 57-58, 62
- Media cutter 61
- Pen carousel 61
- Pen organizers 60
- Pens 2-3, 56, 65
- Replacement boots 61
- Take-up cores 61

Plotter, HP 7550A/7550A**PLUS**

Cabinet	59
Cables	83-84
Carousels	61
Catcher tray	60
Cleaning supplies	61
Digitizer sight	61
Dust cover	124
Graphics organizer	59
Loading tray	60
Manual	138
Media	57-58, 62
Media handling kit	60
Pen carousel	61
Pen organizers	60
Pens	2-3, 56, 65
Peripheral sharing devices	30-31
Plotter points	65
Transparency film	55

Plotter, HP 7600

Accessories	66
Cleaning supplies	67
Electrostatic paper	67
Media	67
Toner	66

Plotters, 7090A/7220A/B/C/S/T/7221A/B/C/S/T/7225A/B/7240A/7245A/B/7470A/7580A/7585A/7586/9872A/B/C/S/T

Adapters	61
Cables	83-84
Carousels	61
Cleaning supplies	61
Digitizer sight	61
Graphics tablet accessories	61
Media	57-58, 62
Pen carousel	61
Pen organizer	60
Pens	2-3, 56, 65
Peripheral sharing devices	30-31
Plotter points	65
Replacement boots	61
Roll paper	61
Software	48, 146-147
Sound enclosure	59
Take-up core	61
Thermal paper	49
Thermal print head	61
Transparency film	58

Printer, DeskJet(2276A),**DeskJet PLUS (2277A)**

Accessories	35-37
Cables	81-82
Carrying case	125
Dust cover	35, 124
Emulation cartridges	36
Font cartridges	4, 38
Ink cartridge	36
Organizer drawer	35
Peripheral sharing	29-31
RAM cartridges	36
Soft fonts	36-37
Software	5, 34-36, 48, 147
Stand	35

Printer, DeskWriter

Cable	5
Carrying case	4
Dust cover	35, 124
Scalable fonts	34

Printers, Impact; 2563A/B/2564B/2565A/2566A/B/2567B/2601A/2602A/2613A/2617A/2619A/2631A/B/G/2635A/B/2639A/2932/2933/2933A/2934A/44653A/82905A/B/82906A

Cables	83
Desktop printer stand	121
Digitizing sight	61
Paper tray	48
Peripheral sharing devices	29-30
Plug-in character style cartridges	47
Print head	48
Printwheel clean kit	48
Printwheels	47
Replacement print head	48
Ribbon cartridges	46
Ribbons	46
Thermal paper	49
VFU tape	48

Printer, LaserJet 2000,**2684A/P/D**

Mailing labels	23
Manuals	138
Paper cassette trays	27
Peripheral sharing devices	29-31
Toner	27
Toner disposal boxes	27
Transparency film	23
Vacuum	28

Printer, LaserJet; 2680A/2685C/2689A/2686A/D/2687A/2688A/2689A; LaserJet Series II, IID, IIP, III, IIID

Accessories	22, 25-27
Books	134
Cables	5, 81-82
Dust covers	24, 124
Envelope trays	24-25
Font cartridges	5, 14-20
Font organizer	15
Forward collator tray	25
Furniture	26, 106
Graphics	147
Mailing labels	23
Manuals	138
Memory boards	20
Paper	27
Paper trays	25
Peripheral sharing devices	29-31
Printer organizer	26
Printer stand/cabinet	26, 106, 115
Software	5, 20-23, 48, 147
Toner	12-13

Transparency film	23
Tutorials	136
Vacuum	28

Printer, PaintJet(3630A);**PaintJet XL**

Desktop stand	33
Dust covers	33, 35, 124
Font cartridges	33
Macintosh interface	34
Manuals	138
Media	32
Print cartridges	32
Software	33, 147
Stand	59
Trays	33

Printer, PaintWriter XL

Cable	5
Dust cover	33, 124

Printers, QuietJet/QuietJet**Plus; 2227A/2228A**

Accessories	40-41, 43
Accessory kit	41
Cables	81-82
Carrying case	40
Dust covers	43, 124
Ink cartridge	40, 43
Mailing labels	41, 43
Paper	43
Paper catcher	41, 43
Peripheral sharing devices	29-31
Printer stands	41-43
Software	34, 147

Printer, RuggedWriter 480;**2235A/B/C/D**

Cables	81-82
Extra paper cassette trays	25
Font cartridges	44
Peripheral sharing devices	29-30
Printer stand	44
Ribbons	46
Sheetfeeder accessory	44
Software	147

Printer, ScanJet

Book	134
Dust cover	124
Manual	138

Printer, ThinkJet; 2225A/B/**C/D/P**

Accessories	40-43
Accessory kit	40
Cables	81-82
Carrying case	40, 125
Desktop stand	41
Dust cover	43, 124
Ink cartridges	40, 43
Mailing labels	41, 43
Manuals	138
Paper	43
Paper catcher	41, 43
Peripheral sharing devices	29-31
Printer stand	41-43
Software	34, 147

Printers, Thermal; 2671A/G/2673A/2674A/82143A/9866A/B/9876A

Thermal paper	49
---------------	----

Printer/Plotter; 82162A

Thermal paper	49
---------------	----

Terminal, HP 700

Series	150-151
Cables	85
Dust covers	124
Manuals	138
Monitor stands	151
Stands	42, 120

Terminals, 2382A/2392A/2393A/2394A/2397A

Accessories	120, 123
Anti-glare filter	123
Cables	85
Carrying case	125
Dust cover	124
Keyboard park	120
Manuals	138
Peripheral sharing	29-30
Replacement print head	48
Ribbons	45-46
Thermal paper	49

Workstation Furniture &**Accessories**

Cabinets	59, 117, 119
CAD mini-workstation	106, 108
Casters	112
Corner turn	106, 112
Drawer units	107-108, 112
Ergonomic chairs	116-117
Filler panel kit	107
LaserJet printer cabinet	26, 106, 115
Library tape rack	119
PC Center	113
Printer/terminal stand	26, 42, 106, 108, 111-112
Rail kit	107
Stacking modules	114-115
Storage shelves	112
Task light unit	107, 112
Workstation accessories	120-122
Workstation tables	106, 111-112

0

00012-90009 12C Solutions handbook.....	133
00012-90015 12C Real Estate handbook.....	133
00012-90021 12C Leasing Application handbook.....	133
00012-90022 12C Training guide.....	133, 137
00014-90021 Business Student applications.....	133
00017-90019 Solution handbook.....	133
00017-90020 Solution handbook.....	133
00017-90021 Solution handbook.....	133
00017-90022 Solution handbook.....	133
00027-90044 Solution handbook.....	133
00028-90101 Algebra and college math.....	133
00028-90102 Calculus.....	133
00028-90104 Probability and statistics.....	133
00028-90105 Vectors and matrices.....	133
00028-90111 Mathematical applications.....	133
00041-15004 Financial decisions.....	131
00041-15005 Surveying.....	131
00041-15006 Circuit analysis.....	131
00041-15016 Real estate.....	131
00041-15019 Thermal & transport science.....	131
00041-15020 Machine design.....	131
00041-15021 Structural analysis.....	131
00041-15022 Games.....	131
00041-15027 Stress analysis.....	131
00041-15030 Financial decisions (Spanish).....	131
00041-15042 Auto-start duplication ROM.....	131
00041-15049 Math/Stat Pac.....	131
00041-15055 HP-41 Advantage Pac.....	131
00042-90020 Programming examples and techniques.....	131
00042-90021 Electrical engineering.....	131
00042-90022 Mechanical engineering.....	131
00097-13142 Three program card holders.....	131
00097-13143 Blank cards for mag card reader.....	131
02608-60091 Package of layout forms.....	48
02619-80003 Individual pre-punched VFU tape.....	48
07245-60001 Thermal print head.....	61
07440-60001 Carrying case.....	125
07440-60006 Dust cover.....	124
07440-60085 Fiber-tip pen carousel.....	52, 61
07475-60001 Carrying case.....	125
07475-60010 Dust cover.....	124
07475-60030 Refillable drafting pen carousel.....	61
07475-60038 Boots for refillable drafting pen carousels.....	61

07550-60050 Fiber-tip transparency pen carousel.....	61
07550-60051 Fiber-tip paper pen carousel.....	61
07550-60052 Rollerball pen carousel.....	61
07550-60053 Refillable/disposable drafting pen carousel.....	61
07550-60210 Dust cover.....	124
07570-60050 Fiber-tip paper pen carousel.....	61
07570-60055 Refillable/disposable drafting pen carousel.....	61
07580-60025 Refillable drafting pen package.....	65
07580-60035 Fiber-tip paper pen carousel.....	61
07580-60081 Refillable/disposable drafting pen carousel.....	61
07580-60082 Rollerball pen carousel.....	61
07580-60240 Disposable drafting pen carousel.....	61
07585-60191 Angled view sight.....	61
07596-60008 Media cutter for roll paper.....	61
09111-68701 Stylus refills.....	61
09872-60066 Straight sight.....	61

1

10833A/B/C/D HP-IB cables.....	30, 76-85
10834A HP-IB adapter.....	76
10B #ABA Business calculator.....	128
12235A RuggedWriter font cartridge.....	44
12239A RuggedWriter sheetfeeder.....	44
12239B RuggedWriter sheetfeeder (A4-size).....	44
12679B Rail kit.....	120, 145
12869A Rigid disk cartridge.....	100
12940A Rigid disk cartridge.....	100
12C #ABA Programmable financial calculator.....	128
13242-60001 RS-232C cable.....	78-83
13242-60002 RS-232C cable.....	79-80
13242-60005 RS-232C cable.....	79, 82
13242-60010 RS-232C cable.....	78-84
13242-60011 RS-232C cable.....	79
13356A Rigid disk pack.....	100
13394A Rigid disk pack.....	100
14B #ABA Business calculator.....	128
1535-3914 Wide nylon ribbon.....	46
17076A Media loading tray (A-size).....	60
17077A Media loading tray (A4-size).....	60
17078A Media loading tray (B-size).....	60
17079A Media loading tray (A3-size).....	60
17080A Media catcher tray (A/A4-size).....	60
17081A Media catcher tray (B/A3-size).....	60
17092A Plotter media handling kit (B-size).....	60
17093A Plotter media handling kit (A3-size).....	60
17122B External power module.....	43, 61

17222B External power module (Euro).....	43, 61
17242C Cyan Toner for Color Electro. plotter.....	66
17243M Magenta Toner for Color Electro. plotter.....	66
17244Y Yellow Toner for Color Electro. plotter.....	66
17255D/F/M RS-232C cables.....	78-84
17265R Electrostatic plotter media.....	67
17266R Electrostatic plotter media.....	67
17267T Electrostatic plotter media.....	67
17268T Electrostatic plotter media.....	67
17269V Electrostatic plotter media.....	67
17270V Electrostatic plotter media.....	67
17271F Electrostatic plotter media.....	67
17272F Electrostatic plotter media.....	67
17273F Electrostatic plotter media.....	67
17274F Electrostatic plotter media.....	67
17275P Electrostatic plotter media.....	67
17276P Electrostatic plotter media.....	67
17278A Black Toner for Color Electro. plotter.....	66
17279D Clear dispersant.....	66
17290P Writing head polish.....	67
17291C Media cutter.....	66
17302A RS-232C cable.....	82, 84
17305B HP Color Printkit for the Apple Macintosh.....	34, 147
17355D RS-232C cable.....	84
17355M RS-232C extension cable.....	30, 77, 82-84
17390B Zenographics SuperPrint for HP PaintJets.....	6, 147
17440A Graphics enhancement cartridge.....	52
17455A RS-232C cable.....	79, 83-84
17525A Plotter media handling kit.....	60
17526A Plotter media handling kit.....	60
17561A Media loading tray (A-size).....	60
17562A Media loading tray (A4).....	60
17563A Media catcher tray (A/A4).....	60
17564A Media loading tray (B).....	60
17565A Media loading tray (A3).....	60
17566A Media catcher tray (B/A3).....	60
17700T Transparency plotter film.....	58
17701T Transparency plotter film.....	58
17702T Transparency plotter film.....	58
17703T Transparency plotter film.....	58
17710A Transparency sleeves.....	58
17725T Fiber-tip transparency pens.....	56
17726T Fiber-tip transparency pens.....	56
17727T Fiber-tip transparency pens.....	56
17728T Fiber-tip transparency pens.....	56

17729T Fiber-tip transparency pens.....	56
17730T Fiber-tip transparency pens.....	56
17731T Fiber-tip transparency pens.....	56
17732T Fiber-tip transparency pens.....	56
17733T Fiber-tip transparency pens.....	56
17734T Fiber-tip transparency pens.....	56
17735T Fiber-tip transparency pens.....	56
17736T Fiber-tip transparency pens.....	56
17737T Fiber-tip transparency pens.....	56
17738T Fiber-tip transparency pens.....	56
17739T Fiber-tip transparency pens.....	56
17740T Fiber-tip transparency pens.....	56
17741T Fiber-tip transparency pens.....	56
17742T Fiber-tip transparency pens.....	56
17743T Fiber-tip transparency pens.....	56
17744T Fiber-tip transparency pens.....	56
17745T Multi-color fiber-tip transparency pens.....	56
17746T Multi-color fiber-tip transparency pens.....	56
17747T Multi-color fiber-tip transparency pens.....	56
17748T Multi-color fiber-tip transparency pens.....	56
17749T Multi-color fiber-tip transparency pens.....	56
17750T Multi-color fiber-tip transparency pens.....	56
17760V Vellum/paper disposable drafting pens.....	3, 64
17762V Vellum/paper disposable drafting pens.....	3, 64
17763V Vellum/paper disposable drafting pens.....	3, 64
17764V Vellum/paper disposable drafting pens.....	3, 64
17765V Vellum/paper disposable drafting pens.....	3, 64
17773V Vellum/paper disposable drafting pens.....	3, 64
17783V Vellum/paper disposable drafting pens.....	3, 64
17793V Vellum/paper disposable drafting pens.....	3, 64
17800P Non-glossy plotter paper.....	57
17801P Non-glossy plotter paper.....	57
17802P Non-glossy plotter paper.....	57
17803P Non-glossy plotter paper.....	57
17804P Non-glossy plotter paper.....	57
17805P Non-glossy plotter paper.....	57
17806P Non-glossy plotter paper.....	57
17807P Non-glossy plotter paper.....	57
17825P Fiber-tip paper pens.....	56
17826P Fiber-tip paper pens.....	56
17827P Fiber-tip paper pens.....	56
17828P Fiber-tip paper pens.....	56
17829P Fiber-tip paper pens.....	56
17830P Fiber-tip paper pens.....	56
17831P Fiber-tip paper pens.....	56

17832P Fiber-tip paper pens	56
17833P Fiber-tip paper pens	56
17834P Fiber-tip paper pens	56
17835P Fiber-tip paper pens	56
17836P Fiber-tip paper pens	56
17837P Fiber-tip paper pens	56
17838P Fiber-tip paper pens	56
17839P Fiber-tip paper pens	56
17840P Fiber-tip paper pens	56
17841P Fiber-tip paper pens	56
17842P Fiber-tip paper pens	56
17843P Fiber-tip paper pens	56
17844P Fiber-tip paper pens	56
17845P Multi-color fiber-tip paper pens	56
17846P Multi-color fiber-tip paper pens	56
17847P Multi-color fiber-tip paper pens	56
17848P Multi-color fiber-tip paper pens	56
17849P Multi-color fiber-tip paper pens	56
17850P Multi-color fiber-tip paper pens	56
17900G Glossy plotter paper	58
17901G Glossy plotter paper	58
17902G Glossy plotter paper	58
17903G Glossy plotter paper	58
17932V Multi-color disposable drafting pens	3, 64
17933V Multi-color disposable drafting pens	3, 64
17934V Multi-color disposable drafting pens	3, 64
17935V Multi-color disposable drafting pens	3, 64
17942V Multi-color disposable drafting pens	3, 64
17943V Multi-color disposable drafting pens	3, 64
17944V Multi-color disposable drafting pens	3, 64
17945V Multi-color disposable drafting pens	3, 64
17BII #ABA Financial calculator	128
18179A Interface pod	154
18180A Interface pod	154
18268A ISDN software	154
18280A ISDN Basic Rate interface	154
18331D X.25 DDCMP, SNA Decodes	154
18332D 3270 Software	154
18333D X.25 & SNA Link Level Statistics	154
18334D ISDN software	154
19BII #ABA Business Consultant II calculator	128

2

22706R7/U/U/W DeskJet PLUS cartridge fonts	38
22707A DeskJet RAM memory cartridge	36
22707B DeskJet RAM cartridge	36
22707E HP Epson FX-80 emulation cartridge	36
22707F DeskJet PLUS Epson emulation cartridge	36
22707K/L DeskJet cartridge fonts	38
22707P HP IBM ProPrinter emulation cartridge	36
22708C/D DeskJet PLUS soft fonts	37
22709A DeskWriter Font Collection	34
22832B Learning COBOL II/ 3000	137
22842A Programming in Transact/3000	138
22843B Using Dictionary/3000	138
22853A #001 Network Fundamentals Workbook	137
22853A #00V Network Fundamentals Video (VHS) and Workbook	137
22855A HP Sys. Dictionary Self-Paced Cust. Training	138
24540B Serial/Parallel card	142
24541B Dual RS-232/422 interface	142
24542G/H/M RS-232C cable	78-84
27S #ABA Scientific calculator	129
28641A ThinMAU	72
28689A EtherTwist troubleshooting kit	8, 70
28S #ABA Advanced scientific calculator	129

3

30062-60018 RS-232C extension cable	77
30062-60022 RS-232C cable	86
30062-60023 RS-232C cable	86
30153-60001 ATP extension cable	77
30154-60001 ATP extension cable	77
30241A/B ThickLAN MAU & LAN coaxial cable tap	73
30367-60002 MPE V to MPE XL: Getting Started book	137
31121A Hi-Li Self-Paced Training	137
31126A #001 900 Series HP 3000: Fundamental Skills	137
31126A #002 900 Series HP 3000: Advanced Skills	137
31126A #003 Advanced Skills Lab Tape	137
31391A/B RS-232C extension cables	77
32425-60001 HP ALLBASE/QUERY Tutorial: HP 3000 MPE XL	138
32S #ABA Scientific calculator	129
33440-90025 Using the HP LaserJet Series II printer video	736
33443B 1 Mbyte memory board	20
33444B 2 Mbyte memory board	20
33445B 4 Mbyte memory board	20
33457A LaserJet IID envelope feeder	20

3

33458A LaserJet IIID envelope feeder	24
33472A Optional lower cassette for IIP.	24
33473A LaserJet IIP printer User's Tutorial	136
33474B 1 Mbyte memory board	20
33475B 2 Mbyte memory board	20
35159A HelpLine Call Certificates.	155
35177A MacPrint software	21, 147
35177C PrintCache software.	21, 146-147
35177T PrintAPIot software.	22, 34, 147
35178C ThinkJet carrying case.	40, 43, 125
35178E DeskWriter carrying case	4
35188E JetForm Design	22, 147
35188G JetForm Print Windows	22, 147
35188H JetForm Print/IBM	22, 147
35190J LaserControl.	22, 35, 147
35199A HP Vectra PC rack-mount shelf.	120, 145
35199D Cable guide	8
 4	
40210H HP-IB cable	81-85
40210R RS-232C cable.	81-85
40242C RS-232C extension cable	85
40242D Centronics cable	81-85
40242G RS-232C cable	81-85
40242M RS-232C cable	84-85
40242P RS-422 cable	85
40242R RGB video cable	85
40242V Composite video cable.	85
40242X/Y RE-232C cable	85
4114-0371 Blank VFU tape.	48
4114-1033 Overlay	61
42S #ABA Scientific calculator.	129
45695A SRM coaxial link terminator pair.	71
45741A Video extension cable	77
45742A Video extension cable	77
45986A Security lock	145
45989A Vectra floorstand	120, 145
46060A HP mouse	142
46296A Backup power supply.	160
46296G/H Small isolation/regulators.	158
46297A Office toolkit.	123
46298D LAN rack	8
48SX #AEIA Scientific expandable calculator	9, 130
4951C Protocol analyzer	154
4952A #002 Protocol analyzer	154
 5	
5061-5033 Flobberball drafting pens	65
5061-5034 Rollerball drafting pens	65
5061-5035 Rollerball drafting pens	65
5061-5036 Rollerball drafting pens	65

4

5061-5037 Rollerball drafting pens	.65
5061-5080 Fiber-tip pen carousel	.61
5061-7578 Reusable adapter & pen cap assemblies	.61
5061-7635 Boots for fiber-tip & rollerball pen carousels	.61
5061-7636 Boots for drafting pen carousels	.61
5061-8119 Refillable drafting pen package	.65
5062-0096 Boots for fiber-tip pen carousels	.61
5062-0097 Boots for drafting pen carousels	.61
5062-0098 Boots for fiber-tip & rollerball pen carousels	.61
5062-0099 Boots for drafting pen carousels	.61
5062-1515 Gritwheel brush	.81
5062-1576 Adjustable pen carousel	.61
5062-1592 Polyester film disposable drafting pens	.3, 64
5062-1593 Polyester film disposable drafting pens	.3, 64
5062-1594 Polyester film disposable drafting pens	.3, 64
5062-1595 Polyester film disposable drafting pens	.3, 64
50697A #001 FORTRAN 77 Self-Paced Course (VHS)	.137
50697A #002 FORTRAN 77 Self-Paced Course (BETA)	.137
5081-1190 Paper writing pens	.61
5081-1191 Paper writing pens	.61
5081-1192 Paper writing pens	.61
5081-1193 Paper writing pens	.61
51410B HP Vectra PC Family Fundamentals tutorial	.136, 147
51604A HP Plain Paper cartridge	.40, 43
51605B/G/R JetPaper color print cartridges	.40, 43
51606A PaintJet black print cartridge	.32
51606A/B/R/Y PaintJet print cartridge	.32
51606C PaintJet color print cartridge	.32
51608A DeskJet black print cartridge	.36
51630A Z-Fold JetPaper	.43
51630C Z-Fold JetPaper (Euro.)	.43
51630D Z-Fold wide JetPaper	.43
51630H Z-Fold wide JetPaper (Euro.)	.43
51630L JetLabels	.41, 43
51630P Z-fold PaintJet paper	.32
51630Q PaintJet transparency film	.32
51630R Z-fold PaintJet paper A4	.32
51630S PaintJet transparency film A4	.32
51630Y CutSheet PaintJet paper	.32
51630Z CutSheet PaintJet paper A4	.32
51631A/B PaintJet paper	.32
5953-2460 Documentation Index (Outside U.S.)	.134
5953-2460D Documentation Index (U.S.)	.134
5955-7680 LAN Cable and Accessories manual	.70

5957-8469 LAN rack bolts	8
5959-2208 SiteWire twisted-pair cabling instal. guide	71

6

68324F LaserJet Office Management Portfolio	147
68325F LaserJet Chemical/ Petrochemical Portfolio	147
68326F Business Management Portfolio	147
68327F LaserJet HP Draw Portfolio	147
68333B AdvanceLink software	6, 146-147

7

7121-0988 Overlay	61
74210-90915 Getting Started with HP DCS	137
74230-90912 Getting Started with DVI	137
74400-90630 Getting Started with Library/Design Module	137
7440A Graphics plotter (Opt 001/002)	52
7475A Graphics plotter (Opt 001/002)	52
79727-90000 ALLBASE/QUERY Tutorial: HP 9000 Series 300	138

8

8120-1351 Power cord	75
8120-1369 Power cord	75
8120-1378 Power cord	75
8120-1689 Power cord	75
8120-2104 Power cord	75
8120-3448 HP-IB cable	76
8120-3449 HP-IB cable	76
82033A Battery pack for 82162A	131
82045A Continuous roll thermal paper	49, 131
82059D AC adapter/recharger (2225B/P 120V)	43, 131
82066B AC adapter/recharger (2225B/P 120V)	43, 131
82068B AC adapter/recharger (Euro 2225P)	43, 130
82111A Softcase for HP-41	131
82120A Rechargeable battery pack	131
82160A #ABA HP-IL Series 40	131
82161A #ABA Digital cassette drive	131
82164A #ABA HP-IL/RS-232C interface	131
82167A/B/D HP-IL cables	76, 78-84, 131
82169A #ABA HP-IL/HP-IB interface	131
82174A Vinyl replacement case	132
82175A Black printing, thermal paper	49, 131
82176A Mini data cassettes	95, 131
82180A #ABA Extended functions/memory module	131
82181A Extended memory module	131
82182A #ABA Time module	131

82183A Extended I/O module	131
82199A Battery pack (2225B/P)	43
82200A HP-41 touchpad	131
82208A #1AW Cable only, IBM	9, 130
82208A #ABA Serial interface for IBM	9, 130
82209A #ABA Serial interface for Macintosh	9, 130
82209A #1AW Cable only, Macintosh	9, 130
82210A HP 41CV Emulator	9, 130
82211A #ABA HP Solve Equation Library	9, 130
82214A 32K RAM card for Vectra	9, 130
82215A 128K RAM card for Vectra	9, 130
82220A Overlay kit	9, 130
82221A Replacement case	9, 130
82240B #ABA HP infrared printer	131
82241A #ABA AC adapter/recharger	43, 131
82242A Infrared printer interface module	131
82931A Continuous roll thermal paper	49
82954A Continuous roll thermal paper	49
82957A Centronics cable	81
88140LC Certified tape cartridges	95
88140SC Certified tape cartridges	95

9

9162-0027 Head alignment tape	98
9164-0105 Single-sided 8-in. disks	90
92150D/E/F Magnetic tapes (on reels)	97
92150K Magnetic tape reel labels	98
92150L Magnetic tape color/ numbering kit	98
92150M Magnetic tape sense markers	98
92150T Transport/carrying case	98
92150X Magnetic tape take-up reels	98
92151C/D/H Ribbon cartridges	46
92153A/B/C/D/E Metalized 2601A printwheels	47
92153U/V/W Metalized 2601A printwheels	47
92154B/G Replacement print head	48
92154N/P Print head	48
92155A/B/L Ribbon cartridges	46
92155M OCR ribbon cartridge	46
92156A Ribbon cartridge	46
92156S RuggedWriter 480 printer ribbon	44-45
92160A/B Continuous roll thermal paper	49
92160M/N Fanfold thermal paper pack	49
92161E Page-perforated thermal paper	49
92161N/P Continuous roll thermal paper (metric)	49

92161R Page-perforated thermal paper (metric)	49
92162A Long-life, text-only ribbon cartridge	45-46
92162M Dual purpose ribbon cartridge	45-46
92165A/B/C Surge suppressor	159
92165R Surge protector	28, 159
92166A Printer stand/ Keyboard park	44, 120
92166C Swivel stand	151
92166J LaserJet printer organizer	26, 109
92166L Plotter sound enclosure	59, 113
92167F Data cartridge storage tray	96
92167L Data cartridge storage album	96
92167V/W Printwheel storage album	48
92169B Cases for Series 10 calculators	132
92169D/E/F Leather cases for calculators	132
92169G/H/J Carrying cases for infrared printer	131
92169K/L/M Leather cases for calculators	132
92171A Clamp-on copy holder	42, 122
92171B Easel copy holder	42, 122
92171C Keyboard drawer park	120, 145
92171J Keyboard park	120
92171X Terminal-top ThinkJet stand	42-43, 121
92172F Data lock	126
92172G Plate lock security kit	126
92172H Screw lock security kit	126
92175E Vacuum bags/filter	28
92175F Replacement stretch hose	28
92175G Replacement power cord	28
92175H Replacement crevice tool/brush	28
92175K Replacement rubber gooseneck	28
92175T Tabletop antistatic mat	122
92175V HP PM vac.	28
92175W Filter for 92175V	28
92176S Antistatic spray	123
92176W Antistatic wipes	123
92177J/K/L Extra paper trays for 26010D	48
92177M/N Extra paper trays for 26010D	48
92177T/U/V Pibttter peni organizers	60
92177W Graphics organizer for ColorPro	52, 59
92177X Graphics organizer for 7475A	53, 59
92177Y Graphics organizer for 7550A	59
92177Z DeskJet organizer	35
92178A/B/C 25-pin RS-232C connector kits	74
92179A/B/C Cut-to-length cables	74
92179D/G/H Cut-to-length cables	74
92180A Toner for HP2680/2689A	27
92180D Drum kit	27
92181A Disposal containers	27

92182A Carrier	27
92182D Developer	27
92183A Splicing tape	27
92184A Continuous fanfold paper	27
92185A Toner for HP2687A/2688A	27
92185B Cleaning pads	27
92185D Ozone filters	27
92185E OPC belts	27
92185T Input tray	27
92188A/B/E/G 2934A font plug-in character cartridges	47
92188H/J/K/M 2934A font plug-in character cartridges	47
92188N/R/T 2934A font plug-in character cartridges	47
92190A/N/X Double-sided 5.25-in. disks	90
92190Z High-capacity DS 5.25-in. disks	90
92191D Desktop file for 3.5-in. disks	91, 144
92191E FlexFiles for 3.5-in. disks	92
92191F Portable album for 3.5-in. disks	92
92191H Library album for 3.5-in. disks	92
92191L Library album pages for 3.5-in. disks	92
92191Q Compact file for 3.5-in. disks	91, 144
92191R Roll-top file for 3.5-in. disks	91
92191T Micro disk case for 3.5-in. disks	91, 144
92192A/N Double-sided 3.5-in. disks	90
92192Q Data cartridge storage tray	96, 144
92192R Labels for 92192N	90
92192T Tape cartridges for D1671A drive	95, 144
92192U 120 MByte Pre-formatted Cert. data cart	94
92192X Double-sided 1.44 Mb 3.5-in. disks	90
92193G Cleaning gloves	67, 102
92193K Disk head cleaning kit (5.25-in.)	102
92193L Disk head cleaning kit (8-in.)	102
92193N Premoistened wipes	67, 102
92193V Video clean kit	102, 122
92193W Cleaning wipes	67, 102
92194A Compact file for 5.25-in. disks	91, 144
92194E FlexFiles for 5.25-in. disks	92
92194G Portable album for 5.25-in. disks	92
92194N Roll-top file for 5.25-in. disks	91
92195A Double-sided 8-in. disks	90
92199A/B Power cords	75, 154
92199C/D Cable covers	75, 158
92199F Cable management kit	75, 158
92203E EZQueue 1000	10, 31
92204F Black Jack	155
92204J/K/L Micropatch	153
92204N Datatracker	153
92204P Cable test adapter	153

92204Q Minitracker	153	92211L Design Plus support cabinet	106	92227A/B/C/D Terminated ThinLAN cables	72	92259P/Q/R DraftPro dust covers	124
92204R Minitracker Plus	153	92211M Design Plus small support cabinet	106	92227E/F/G/H Terminated ThinLAN cables	72	92259T LaserJet IIP dust cover	24, 124
92204S Universal cable	153	92211N Design Plus drawer unit	107	92227L Crimp-on BNC connectors	72	92259U PaintJet XL/PaintWriter XL dust cover	33, 124
92204U Additional mini clip leads	153	92211R Design Plus mini-rack system cabinet	105, 107	92227M ThinLAN toolkit	72	92259V LaserJet III dust cover	24, 124
92204V LaserJet IIP ShareSpool	29	92211S Rail kit (92211R)	107	92227N ThinLAN Tee connector	72	92261A JetPaper black print cartridge	40, 43
92204W LaserJet ShareSpool	29	92211T Filler panel kit (92211R)	107	92227P ThinLAN terminator pair (non-grounded)	72	92261D ThinkJet accessory kit	40
92204X/Y/Z Adapters	10, 29, 31	92211U Design Plus joining bracket kit	106	92227Q ThinLAN loopback	72	92261G Paper catcher for QuietJet/Plus stand	33, 41, 43
92205A/B Hayes Smartmodem	155	92213B Design Plus CAD mini-workstation	106	92227R ThinLAN insulating cover	72	92261K Z-Fold JetPaper (Euro.)	43
92205E ABC switch	30	92213D "C" and "D" sized drawing holder	105-106	92227S/T/U Unterminated ThinLAN cables	72	92261N Z-Fold JetPaper	43
92205F Dual ABC switch	30	92213F Design Plus CAD workstation	105-106	92229A Crimp tool	74	92261R Paper catcher for ThinkJet	41, 43
92205U RS-232C extension cable	30, 77	92213Q Design Plus ergonomic task lamp	105-107	92229B Crimp tool	73	92261S Printer stand for ThinkJet	41, 43
92205Y HP-IB ABC switch	30	92213R Design Plus lamp clamp	106-107	92230A Wide nylon ribbon	46	92261T Printer stand for QuietJet Plus	41, 43
92206J 28S Insights, Principles and Programming	133	92214A Design Plus terminal/transport table	105-106	92230B Chain train oil	48	92261U Printer stand for QuietJet	41, 43
92206K 22S Easy Course	133, 137	92214B Design Plus medium table	105-106	92230C Chain train oil refill	48	92262A/B/D ASCII HP 2602A printwheels	47
92206M 42S Easy Course	131, 137	92214C Design Plus large table	106	92231A 12-channel VFU tape punch	48	92262E/F/G ASCII HP 2602A printwheels	47
92206Q Pocket Guide	133	92214J Design Plus corner turn	105-106	92231B Paper perforator tape	48	92264D LAN AUI cable	8, 70
92206R Pocket Guide	133	92214K Design Plus CAD corner workstation	105-106, 108	92232D DeskJet Unlimited	4	92268A/B/C/D StarLAN cables	10, 29, 31, 70
92207A/C Anti-glare filters	123	92214P Design Plus support stand	106, 108	92232R ScanJet Unlimited book	134	92268J Modular wallplates for StarLAN 10	71
92208A Mobile PC Center	113	92214Q Large printer/plotter cabinet	59, 121	92233F 12C Quick Reference	133	92268N Unterminated StarLAN cables	70
92208E/F/G Ergonomic workstation/managerial chairs	117	92214R/S/T EtherTwist LAN cables	8, 70	92234S 12C Easy Course	133, 137	92268P 8-Pin modular plugs	71
92208H Replacement cylinder for 92208E/F/G chairs	117	92214U/W EtherTwist LAN cables	8, 70	92235U LaserJet Unlimited	134	92268S 6- to 8-pin cable adapter	70
92208K Black armset for 92208E/F/G chairs	117	92215A/F/T RS-232C extension cables	77	92236A 17B Easy Course	133, 137	92268T StarLAN connector crimper tool	71
92208L Caster set for chairs	117	92215S HP to Apple Macintosh cable	5, 82	92236B 19B Easy Course	133, 137	92269A Desktop printer/plotter stand	33, 61, 121
92208M/N/P Ergonomic executive chairs	117	92218A RS-232C cable	79-80	92236C 27S Easy Course	133, 137	92269B ThinkJet stand for HP700 terminals	42
92208Q Replacement cylinder for 92208M/N/P chairs	117	92218B RS-232C cable	80	92236D 28S Easy Course	133, 137	92270A/C/D/E Printwheels for HP 2603A	47
92208S Ergonomic workbench chair	117	92218C RS-232C cable	79, 82	92242L/S Tape cartridges for HP 9142A drives	95	92270F/G/H/J Printwheels for HP 2603A	47
92208U Replacement cylinder for 92208S chair	117	92219G RS-232C extension cable	77	92245L/S Tape cartridges for HP 9145A drives	95	92270K/Q/R Printwheels for HP 2603A	47
92210A Compact workstation table	111	92219J RS-232C cable	82	92250R DeskJet dust cover	35, 124	92271A/E Ribbon cartridge	46
92210B Standard workstation table	111	92219M RS-232C cable	82, 84	92250V ThinkJet dust cover	42, 124	92272A/B/C Workstation storage cabinets	119
92210C Workstation table (rt. hand adjustable)	112	92219Q/R/S RS-232C cables	86	92250W QuietJet Plus dust cover	43, 124	92272D/E Workstation storage cabinets	119
92210D Workstation table (lft. hand adjustable)	112	92219T RJ-11 cable	86	92250X QuietJet dust cover	43, 124	92272F Library tape storage rack	98, 119
92210E Work surface extension	112	92219U RS-232C/RJ-11 adapter plug	86	92250Z PaintJet dust cover	33, 124	92272G Hanger bar	118
92210F/G Desktop storage shelf	112	92219Z Centronics cable	39, 82	92251E Dust cover	124	92272H Fixed shelf	118
92210L Heavy-duty casters	112	92220E Centronics cable	79	92251Q/R Dust covers	124	92275A Toner cartridge for LaserJet IIP	13
92210P Printer stand	111	92220R HP-IB right-angle cable	76	92252A/B/C/F/G Plastic 2601A printwheels	47	92275B/C/D/E LaserJet IIP printer trays	25
92210Q Suspended drawer unit	110, 112	92220X/Y Software Power Tools	133	92252H/J/K/L Plastic 2601A printwheels	47	92275F LaserJet IIP envelope tray	25
92210R Storage module unit	112	92221M RS-232C cable	78	92253A/B/C/D ThickLAN backbone coax cable kits	73	92278A Optical disk storage rack	96
92210T Mobile workstation table	111	92221P RS-232C cable	78-84	92253E/F/G/H ThickLAN backbone coax cable kits	73	92279A Optical rewritable disk	88
92210U CAD corner workstation table	110, 112	92222A/B/C/D SCSI cable	86	92253K N-connectors	73	92280A Optical rewritable disk	88
92210V Tabletop connector	112	92222E 42S Quick Reference	131	92253L Terminators & insulator	73	92281B Magnetic head cleaning solution	101
92210W Task light unit	112	92222G 28S Programmers Pocket Guide	133	92254A/B/C/D ThickLAN AUI cables	73	92281C Quarter-inch drive clean kit	101
92210Z Desktop storage unit	112	92224A/B HP 3000 ATP connector kits	74	92254E/F/G/H ThickLAN AUI cables	73	92281D Quarter-inch drive replenishment kit	101
92211C Design Plus sound enclosure	106, 113	92224F RS-232C cable	76, 84	92254J Terminated AUI cable	72	92281E Compressed air cleaner	102
92211D LaserJet printer cabinet	26, 106, 109	92224M Gender converters	76	92255A Surge protector	73	92282A Toner for LaserJet 2000	27
92211E/F/G Design Plus mobile mini-rack drawer unit	107-108	92225A/B HP 3000 ATP connector kits	74	92255A/B Dust covers	124		
92211H Optical Disk Drawer Insert	96	92225C Dust cover for LaserJet Series II	24, 124	92259C Dust cover for LaserJet 500 PLUS	24, 124		
92211J Compact workstation table	110-111	92225K Dust cover	124	92259D Dust cover for LaserJet IIP	24, 124		
92211K Standard workstation table	110-111	92225L/M Dust covers	124, 145	92259E Dust cover for LaserJet IIP	24, 124		
		92226A HP-IB extender connector kit	74	92259F PaintJet XL dust cover	124		

92282B/C/D/E/F/G Laser printer trays	27
92282P Toner disposal boxes	27
92283A HP data cassettes	94
92284A Centronics cable	21, 78-83
92285A/G Toner cartridge	13
92285B/C/D/E LaserJet printer trays	25
92285F LaserJet forward collator	25
92285P LaserJet (plug-in) font organizer	15, 27
92285Q Replacement output shelf	25
92285R Replacement auxiliary shelf for 92285Q	25
92285S Replacement manual input tray	25
92285T Service kit	25
92286IC International Collection font cartridge	15
92286PC ProCollection	15
92287B/C/D/E LaserJet 500 PLUS printer trays	25
92295A Toner cartridge for LaserJet III	13
92295B/C/D/E LaserJet II printer trays	25
92295F LaserJet II envelope tray	25
92295Q Replacement ozone filter	25
92295R Replacement top cover for 92295B/D/E	25
92295S Replacement top cover for 92295C	25
92295U Replacement top cover for 33457A	25
92296A/B/C/D/E LaserJet/DeskJet labels	23
92296F/G/H/J/K LaserJet/DeskJet labels	23
92296S LabelPro software	5, 147
92296T LaserJet transparency film	23
92297B/C/D/E LaserJet III printer trays	25
92297F LaserJet III envelope tray	25
92297R Replacement cover for 92297B/D/E trays	25
92297S Replacement cover for 92297C tray	25
92299A MicroManager floor unit	115
92299B MicroManager standard module	115
92299C MicroManager pull-out shelf module	115
92299D MicroManager keyboard drawer module	115
92299F MicroManager workstation kit	114-115
92299G MicroManager mobile plotter station	115
92299H MicroManager LaserJet printer station	114-115
92299J MicroManager side tray	115
92299K MicroManager copy holder	115
92299L MicroManager paper refeed guide	115
92299M MicroManager paper catcher basket	115
92572-90002 Real-Time Data Base Self-Paced Tutorial	138
92576-90003 HP IVI Self-Paced Tutorial	138

92580-90002 HP Device Interface Sys. Self-Paced Tutorial	138
9260-0579 Plotter point for refill. drafting pens	65
9260-0588 Plotter point for refill. drafting pens	65
9260-0596 Black drafting ink (.75 oz)	61
9260-0741 Plotter point for refill. drafting pens	65
9260-0742 Plotter point for refill. drafting pens	65
9260-0743 Plotter point for refill. drafting pens	65
9260-0744 Plotter point for refill. drafting pens	65
9270-0479 Continuous roll thermal paper	49
9270-0488 Continuous roll thermal paper	49
9270-0605 Page-perforated thermal paper	49
9270-0607 Page-perforated thermal paper (metric)	49
9270-0640 Fanfold thermal paper	49
9270-0642 Fanfold thermal pack (metric)	49
9270-0664 Continuous roll thermal paper (metric)	49
9270-0680 Continuous roll thermal paper (metric)	49
9270-0682 Continuous roll thermal paper	49
9280-0525 Polyester film	62
9280-0526 Polyester film	62
9280-0527 Non-glossy plotter paper	57
9280-0528 Non-glossy plotter paper	57
9280-0529 Vellum	62
9280-0530 Vellum	62
9280-0587 Non-glossy plotter paper	57
9280-0590 Non-glossy plotter paper	57
9280-0591 Polyester film	62
9280-0592 Polyester film	62
9280-0593 Vellum	62
9280-0594 Vellum	62
9280-0597 Tracing bond	62
9280-0598 Tracing bond	62
9280-0599 Tracing bond	62
9280-0600 Tracing bond	62
9280-0601 Vellum	62
9280-0602 Vellum	62
9280-0603 Vellum	62
9280-0604 Vellum	62
9280-0605 Polyester film	62
9280-0606 Polyester film	62
9280-0607 Polyester film	62
9280-0608 Polyester film	62
9280-0618 Blank roll paper	61
9280-0619 Blank roll paper	61
9280-0633 Polyester film roll	62
9280-0634 Polyester film roll	62
9280-0635 Vellum roll	62
9280-0636 Vellum roll	62
9280-0637 Blank roll paper	57
9280-0638 Blank roll paper	57
9280-0728 Non-glossy plotter paper	57
9280-0730 Polyester film	62

9280-0731 Vellum	62
9280-0732 Polyester film	62
9280-0733 Vellum	62
9280-0734 Non-glossy plotter paper	57
9280-0748 Architectural plotter polyester film	62
9280-0749 Architectural plotter vellum	62
9280-0750 Architectural plotter vellum	62
9280-0751 Architectural plotter paper	57
9280-0752 Architectural plotter paper	57
9280-0753 Architectural plotter vellum	62
9280-0754 Architectural plotter paper	57
9280-0755 Architectural plotter polyester film	62
9280-0756 Architectural plotter vellum	62
9280-0757 Architectural plotter polyester film	62
9280-0758 Architectural plotter polyester film	62
9280-0759 Architectural plotter paper	57
9281-0401 Continuous roll thermal paper	49
9281-1181 Documentation binder	140
9282-0545 Wide nylon ribbon	46
9282-0905 Cleaning syringe	61
9282-0908 Cleaning solution	61
9282-1149 Documentation binder	140
9282-1152 Documentation binder	140
9282-1155 Documentation binder	140
9282-1158 Documentation binder	140
9282-1161 Documentation binder	140
9282-1182 Documentation binder	140
9300-0468 Lint-free wooden swabs	102
9300-0750 Package of 3 vacuum bags	48
9300-0767 Lint-free plastic swabs	102
9300-0955 Plotter point for refill. drafting pens	65
9300-0956 Plotter point for refill. drafting pens	65
9300-0957 Plotter point for refill. drafting pens	65
9300-0958 Plotter point for refill. drafting pens	65
9300-0959 Plotter point for refill. drafting pens	65
9300-0960 Plotter point for refill. drafting pens	65
9300-0967 Boots for short-body drafting pens	61
9300-1068 Take-up core 24"	61
9300-1069 Take-up core 36"	61
97907A Removable disk cartridge	100
97935A Rigid disk pack	100
98200A Mini data cartridges	95
98305-90009 Learning HP EGS	137

B

B1502A HP-UX Visual Editor	138
B1646-90600 Learning HP EGS-UX, Self-Paced Tutorial	138
B1716-90016 HP NewWave Office, Self-Paced Training	136
B1716-90023 HP NewWave Office, Self-Paced Training	136

C

C1001A HP 700/92 amber terminal (Opt ABA)	150
C1001G HP 700/92 green terminal (Opt ABA)	150
C1001W HP 700/92 white terminal (Opt ABA)	150
C1002A HP 700/94 amber terminal (Opt ABA)	150
C1002G HP 700/94 green terminal (Opt ABA)	150
C1002W HP 700/94 white terminal (Opt ABA)	150
C1006A HP 700/43 amber terminal (Opt ABA)	151
C1006G HP 700/43 green terminal (Opt ABA)	151
C1006W HP 700/43 white terminal (Opt ABA)	151
C1413A HP Mouse	7, 142
C1607A PaintJet XL font cartridge	33
C1608A PaintJet GL/2 language cartridge	33
C1609A PaintJet media tray	33
C1610A PaintJet media tray	33
C1611A PaintJet media kit	33
C1612A PaintJet media kit	33
C2050A #D01 CG Times scalable typefaces	18
C2050A #D02 Univers scalable typefaces	18
C2050A #D03 Decorative 1 scalable typefaces	18
C2050A #D04 Triumvirate scalable typefaces	18
C2050A #D05 ITC Zapf Dingbats scalable typefaces	18
C2050A #D06 (CG Century Schoolbook) scalable typefaces	18
C2050A #D07 ITC Lubalin Graph scalable typefaces	18
C2050A #D08 ITC Avant Garde Gothic scalable typefaces	18
C2050A #D09 Futura II scalable typefaces	18
C2050A #D10 ITC Souvenir scalable typefaces	18
C2050A #D11 Microstyle scalable typefaces	18
C2050A #D12 Univers Condensed scalable typefaces	18
C2050A #D13 ITC Benguiat scalable typefaces	18
C2050A #D14 Garamond Antiqua scalable typefaces	18
C2050A #D15 ITC Bookman scalable typefaces	18
C2050A #D16 CG Triumvirate Condensed scalable typefaces	18
C2050A #D17 CG Palacio scalable typefaces	18
C2050A #D18 Courier scalable typefaces	18

C2050A #D20 CG Omega scalable typefaces	18	D1354A 2 Mbyte RAM memory upgrade	7, 143
C2050A #D21 Decorative 2 scalable typefaces	18	D1440A Memory expansion board	143
C2050A #D22 Antique Olive scalable typefaces	18	D1640A 1 Mbyte RAM memory upgrade	7, 143
C2050A #D23 Stymie scalable typefaces	18	D1642A Expanded memory card	143
C2050A #D24 CG Bodoni Book scalable typefaces	18	D1709A #ABA LaserJet Drawing Gallery	147
C2050A #D25 Shannon Book scalable typefaces	18	D1710A #ABA LaserJet Charting Gallery	147
C2050A #D80 Distinctive Documents I scalable typefaces	19	D1711A #ABA LaserJet Graphics Gallery Collection	147
C2050A #D81 Compelling Publications I scalable typefaces	19	D2104A AdvanceLink Text for Windows	6, 146-147
C2050A #D82 Brilliant Presentations I scalable typefaces	19	D2105A AdvanceLink Text for Macintosh	6, 146-147
C2050A #D83 Compelling Publications II scalable typefaces	19	D2106A AdvanceLink/Graphics for Macintosh	6, 146-147
C2050A #D84 Decorative Words I scalable typefaces	19	D2107A AdvanceLink/Color Graphics for Macintosh	6, 146-147
C2050B #C80 Distinctive Documents I, Compelling Pubs I scalable typefaces	20	D2150A 1 Mbyte RAM memory upgrade	7, 143
C2050B #C90 Distinctive Documents I, Compelling Pubs I scalable typefaces	20	D2151A 4 Mbyte RAM memory upgrade	7, 143
C2050C #C80 Brilliant Presentations I, Compelling Pubs II scalable typefaces	20	D2152A 8 Mbyte RAM memory upgrade	7, 143
C2050C #C90 Brilliant Presentations I, Compelling Pubs II scalable typefaces	20	D2381A 2 Mbyte RAM memory upgrade	7, 143
C2052B #ABA Premier Collection	18-19	D2401A Memory expansion board	7, 143
C2053A #C01 WordPerfect font cartridge	16		
C2053A #C02 Microsoft font cartridge	16		
C2053A #C03 Polished Worksheets font cartridge	17		
C2053A #C04 Persuasive Presentations font cartridge	16		
C2053A #C05 Forms Etc. font cartridge	17		
C2053A #C06 Bar Codes & More font cartridge	17		
C2053A #C07 Text Equations font cartridge	17		
C2053A #C08 Global Text font cartridge	16		
C2053A #C09 LaserJet Pretty Faces font cartridge	5		
C2054B #ABA Premier Collection	18-19		
C2057B #ABA Type Director upgrade kit	18-19		
C2058B #ABA Type Director upgrade kit	18-19		
C2109B Global Text font cartridge	4		
C2109C Garamond Collection font cartridge	4		
C2109D Dom Casual font cartridge	4		
C2109E Brush font cartridge	4		

D

D1171A HP-HIL Interface card for HP Vectra CS	144
--	-----

H

H2126A AdvanceMail Trainer's Pack	136
H2515A HP 3000 MPE V/E Advanced Skills	137
H2516A HP 3000 MPE V/E Fundamental Skills	137
H2521A #001 OSI Reference Guide, Workbook and Video Tapes	137
H2521A #003 OSI Reference Guide	137
H2521A #004 OSI extra student workbooks	137

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Accessories

Choose the right battery for your HP Calculator etc132
How to upgrade or replace your HP software media147

Cables

How to extend RS-232C cables77
How to identify your cable connectors86

Disks & Tape

Choose the right data cartridge for your HP tape drive93
How to clean your read/write heads101

Furniture

Choose the right Design Plus cabinet
for your HP computer107
Choose the right cabinet for your storage needs118

LaserJet

Understanding font terminology14

Plotters

Choose the right Plotter pens for the right media54
How to identify media size and compatibility
with your HP Plotter54
How to use color in plots56
Visual presentation ideas58
How to reduce static problems around your
HP Drafting Plotter62
How to choose the right Drafting pen for your media64
Ideas for your HP Electrostatic Plotter67

Power Conditioners

How to choose power conditioning
to meet your needs156-157

Terminals

Select a Terminal to fit in
with your computer systems149

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Returns are easy—just call 800-538-8787 for return instructions. Our HP DIRECT Sales Consultants will make sure your problem is resolved promptly. If you ordered through your local HP sales office, please contact that office. For items returned for your convenience or due to your error, there is a restocking fee. There may also be a refurbishment charge for hardware products.

Some limitations to returns

Software may only be returned under warranty (see terms at left) or if it is sealed and unused. Operating manuals and other documentation may not be returned for credit. If a printer, terminal, plotter or other peripheral has a problem while under warranty or needs repair, contact your local HP sales office (see listing page 172) for instructions. Do not return warranty/repair add-on hardware to the HP DIRECT Distribution Centers.

WARRANTY

Blank flexible disk media and HP supplies: Blank flexible disk media listed in this log are warranted against defects in materials and workmanship for five years from date of shipment, all other HP supplies are listed in catalog for use with HP computer products warranted against defects in materials and workmanship for 90 days from date of shipment. During the warranty period, HP will replace any such flexible disk media and HP files which prove to be defective.

Software products: listed in this catalog are warranted against defective media for a period of 90 days. During the warranty period, HP will replace defective software media.

Hardware products: listed in this catalog are warranted against defects in materials and workmanship for a period of 90 days (specific units have a one-year warranty). If HP receives notice of such defects during the warranty period, HP will, at its option, either repair or replace hardware products which prove to be defective. Warranty service includes parts labor; shipping is not included. Return the

product to the nearest HP office for warranty service.

These warranties do not cover damage resulting from misuse.

THESE WARRANTIES ARE EXCLUSIVE AND NO OTHER WARRANTY IS EXPRESSED OR IMPLIED. HP SPECIFICALLY DISCLAIMS THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. HP SHALL NOT BE LIABLE FOR ANY DIRECT, INDIRECT, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES.

What we will do:—HP handheld calculators are warranted by Hewlett-Packard against defects in materials and workmanship for one year from the date of original purchase. If you sell your unit or give it as a gift, the warranty is automatically transferred to the new owner and remains in effect for the original one-year period. During the warranty period, we will repair or, at our option, replace at no charge a product that proves to be defective, provided you return the product, shipping prepaid, to an HP service center.

What is not covered:—This warranty does not apply if the product has been damaged by accident or misuse or as the result of service or modification by other than an authorized Hewlett-Packard service center.

No other express warranty is given. The repair or replacement of a product is your exclusive remedy. ANY OTHER IMPLIED WARRANTY OR MERCHANTABILITY OR FITNESS IS LIMITED TO THE ONE YEAR DURATION OF THIS WRITTEN WARRANTY. Some states, provinces, or countries do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you. IN NO EVENT SHALL HEWLETT-PACKARD COMPANY BE LIABLE FOR CONSEQUENTIAL DAMAGES. Some states, provinces, or countries do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state, province to province, or country to country.

3 ways to order

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TURN TO PAGES 174-175 FOR COMPLETE ORDERING INFORMATION.

Order from your authorized HP Dealer

Products that are available at your authorized HP dealer.

You'll find some products identified throughout this catalog with this dealer symbol . It's our way of letting you know that a product can be purchased from either an authorized dealer or HP DIRECT.

FOR THE NAME AND LOCATION OF YOUR CLOSEST AUTHORIZED HP DEALER, CALL 800-752-0900.

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If you have a GSA order, or if you must order by mail or fax, please direct it to your closest HP sales office.

Coordinated shipments

Please order through your HP sales office when your shipments must be coordinated. A minimum order of \$20 is required.

SEE PAGE 172 FOR A LISTING OF HP SALES OFFICES TO FIND THE ONE NEAREST YOU.

For dramatic results every time, follow HP's recipe for success!

Want to create exciting, dramatic output that's sure to make a good impression? With HP plotters, LaserJet and PaintJet printers, you've made the right start. But for really "sit-up-and-take-notice" output that makes you look your best, you need HP support products, too! HP offers a complete menu of support products designed to work especially with your HP peripherals so you can be sure of optimum performance every time.

Here are three examples of how HP products work together to help you be your best! To achieve these same great results, just follow the HP recipe and call HP DIRECT!

Colorful Presentations!

World Corporation



Annual Report

Let the HP PaintJet team of products help you create brilliantly colorful presentations!

- HP PaintJet
- PaintJet Printer Cartridges (page 32)
- HP PaintJet Paper (page 32)
- PrintCache software (page 146)
- Graphics Gallery software (page 147)

Striking Overheads!



Professional Newsletters!



World Corporation Company News

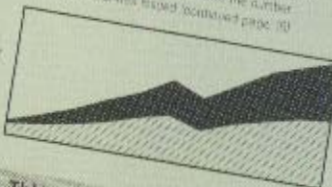
A Shareholder's Guide Volume XXXIIX

Dramatic New Product Line Spurs Huge Annual Profit Increase

The World Corporation today announced a 25 percent profit increase, mainly in a large part to the introduction of the new product line. Under this year's new President of Marketing, Rebecca Green, applied to the company's cause for the company's tremendous increase in profits. Industry observers, however, credit the transformational leadership skills of the new CEO, Scott Anderson.

In a recent shareholder meeting, Chief Financial Officer, Mr. Henry, was quoted as saying, "This could be our most profitable year yet." His earnings are significantly improved over last year, when our expenses have been held in check with annual inflation rates." CEO Anderson credits the number of new product introductions World Corp. has issued, including page 100.

Revenue at 4 percent
of net sales have
been nearly 20%
in the last 100
years of World Corp.



Important In This Issue:

- Opening Products — What's New and What's HOT in World Corporation Labs
- Current Stock Prices — The Word from Wall Street
- Inside Information — News from the Board of Directors
- Annual Shareholders Meeting — Proxy Information

Your overheads will command attention when you use your HP Plotter and these HP Ingredients!

- HP ColorPro and 7475A Plotters (pages 52-53)
- Transparency Plotter Film (page 58)
- Transparency Sleeves (page 58)
- Transparency Pens (page 56)
- PrintCache software (page 146)
- Graphics Gallery software (page 147)

It's easy to create professional-looking newsletters with your HP LaserJet and these HP products!

- HP LaserJet family of printers
- LaserJet Toner (page 13)
- Font Cartridges and Scalable Fonts (pages 14-20)

Buy quality Data Center essentials from one easy-to-order source—HP DIRECT

As the hard-working, "brain-center" of your operation, your Data Center is critical to your organization. To keep it running at peak performance and to safeguard your valuable data, you need reliable, top-quality support products from HP. When it says "HP" on the label, you know you're getting the very best.

And, HP DIRECT offers everything you need to keep your Data Center running in prime condition—backup tape, optical disks, printer ribbons, storage units and cleaning supplies—all available now from HP DIRECT!

New HP Data Cassettes for your high-volume backup needs Capable of storing 1.3 Gigabytes (over a billion bytes), these cassettes represent the new standard in high-capacity storage media. They meet the high standards required for DDS-format and are 100% compatible with HP DDS tape drives. To order HP Data Cassettes for your critical backup needs, turn to page 94.

To get optimal performance and longevity from your HP Optical Drive choose HP Rewritable Optical disks. Because they're designed to work specifically with your HP drive, you're assured of disk-to-drive compatibility—the key to data protection. To order HP Rewritable Optical Disks, turn to page 88.

Count on HP pre-certified, high-density Tape Cartridges for reliable backup of your critical data. HP Tape Cartridges are certified to work with HP drives—saving you from 15 to 75 minutes of valuable formatting time per tape. See page 95 to stock up on time-saving, worry-free tapes.

A well-stocked supply of reliable HP support products can keep your Data Center humming along in top condition.

What a team! HP ribbons are the only ribbons engineered to work specifically with your HP printer to give you consistently crisp, smooth output—every time! And they're always in stock. Find the ribbon you need on pages 45 and 46, then call HP DIRECT to order!

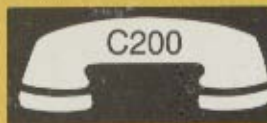
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New in this issue:

- HP48SX Calculator
 - EtherTwist LAN accessories
 - SurePlot Drafting Pens
 - And More—over 50 new products!
- See pages 2-10



We ship same day



The return address shown above is for postal use only. For mail-in orders, see the listing of HP sales offices in the blue section of this catalog.