

HP Peripherals

for the PC



# Make the Right Choice



- HP DeskJet Printers
- HP LaserJet Printers
- HP PaintJet Printers
- HP ScanJet Scanners
- HP Fax Products

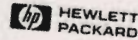
November 1993

**HP Computer Museum**  
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## Using Color in the Office



### The HP FAX-900 and FAX-950 Plain-Paper Faxes for the Office.

They're better.



### Business Use of Color



You know what you want in a peripheral for your PC. You want the features, performance, and reliability you need, at a price you can afford. That's the definition of the right choice.

HP offers a full range of peripherals for the PC to meet a wide variety of needs. Inside this brochure, you'll find the information you need to choose the HP peripheral that's right for you, including

- common features of each HP peripheral family
- product-specific features of each HP peripheral
- at-a-glance feature comparison tables
- detailed product specifications

Whatever choice you make, you can choose with confidence—all HP peripherals are backed by long-term warranties and supported by a worldwide network of dealers and service centers.

Your nearest HP authorized dealer can help you make the right choice.

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## 600 dpi has arrived. And HP makes it even sharper.



## MEMO

Hewlett-Packard's Memory Enhancement technology (MET), introduced for the first time in the HP LaserJet 4L printer, is one of the most significant advances in laser printer technology since the first HP LaserJet printer was introduced in 1984.

### A brief primer on printer memory

Laser printers print pages by first sending the entire page from your computer to your printer. If the page design is very complex, it may require more memory than you have in your printer. This results in printing only a portion of the page. In the past, the only solution was to purchase additional memory or change the page design to require less memory.

A better way

## W

HP LaserJet 4 and Hewlett-Packard's 600 dpi into the laser printing. By 600 dpi that resolved. It's how 600-dpi print even better.



HP Help You Get the Most Out of Your Network

NetTalk. It supports mixed... through... 3, 5... can... for...  
Add the speed, print quality, duty cycle and paper-handling features that network users want, and the HP LaserJet 4Si MX and HP LaserJet 4Si printers aren't just network ready; they're network available.

Parallel cabinet  
Printer location

# New Territories

Canada-Asia/Pacific  
Latin America

HP JetDirect card allows printer to receive data at network speed, while retaining the...  
Printer can be located anywhere on the network as a...  
Standard Printer

# Memory Enhancement TECHNO

HP's advanced printer men...

# marketing MADE EASY

Effective marketing has one very simple objective: To focus positive attention on your product or service. One of the more popular ways to accomplish this is through presentations. Many people have found that the use of color in presentations is an excellent way to maximize their impact.

Printed below are the results of an informal survey to determine the effectiveness of color in marketing presentations.

They are intended only to provide examples of kinds of color output that can be generated. And to offer inspiration for those looking to add strength to their marketing efforts.

Participants were asked to respond to the questions on a scale of one through ten, with one representing "no, strongly disagree" and ten representing "yes, strongly agree". The results were then tabulated and an average was generated, represented in the horizontal graph columns below.

## Results of color impact survey:

Q.1

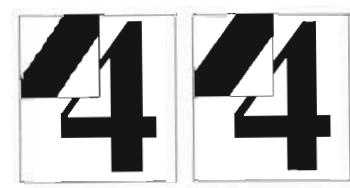
Do you feel the use of color raises the quality of a presentation?

Do you feel color presentations are easier to remember?



### Awards

Making the right choice is their business—that's why industry experts recognize the quality, performance, and reliability of HP peripherals. In the past year, HP peripherals received awards from the experts at *PC Magazine*, *PC/Computing*, *Byte*, *Presentation Products*, *Buyer's Laboratory*, *Mobile Office Magazine*, *Industrial Designers Society of America*, *Business Week*, *Home Office Computing*, *PC World*, *WordPerfect*, and *Windows Magazine*.



HP's exclusive Resolution Enhancement technology (shown in the 600-dpi image on the right) eliminates jagged edges and stair-stepping.

### Breakthrough Technology

Inside you'll find many examples of innovative features that improve the quality, economy, and flexibility of HP peripherals.

- HP is the first manufacturer to offer true 600 dpi with Resolution Enhancement technology and microfine toner, which gives the HP LaserJet 4P, 4, and 4Si printers superior quality output with smooth curves and sharp text.
- EconoMode, a feature of the HP LaserJet 4L and 4P printers, cuts toner consumption in half.
- Waterfast black ink, used by HP DeskJet printers and plain-paper faxes, produces smudge-proof, signature-ready output that won't disappear when highlighted or wet.
- HP JetDirect solutions deliver faster network printing and increased configuration flexibility for compatible HP peripherals.
- HP AccuPage 2.0, an exclusive technology of HP ScanJet scanners, allows optical character recognition software to recognize text on a broad range of documents.



Memory Enhancement technology easily prints full-page, 300-dpi graphics and twice as many downloaded fonts.

### Our Commitment to the Environment

At HP, the environment is an integral part of the way we do business. In an on-going effort to reuse, return, and recycle, HP recently became the first major printer manufacturer to offer a remanufactured toner cartridge, the HP Optiva 95R. We continue to successfully recycle HP LaserJet toner cartridges, and to use non-bleached brown kraft packaging.

## HP DeskJet Printers

Black and black-plus-color high-quality printers at remarkably affordable prices

### Common Features

HP DeskJet printers produce high-quality output in your home, office, or on the road with proven, reliable HP inkjet technology.

- **300-dpi or higher resolution**  
Delivers professional-quality text and graphics in black or black-plus-color
- **Fast print speed**  
Prints black text at up to 3 pages per minute; HP DeskJet 1200C prints black text at up to 7 pages per minute
- **Convenient, plain-paper printing**  
Saves money and allows use of letterhead and stationery
- **HP reliability**  
Includes limited warranties that cover parts and labor up to 3 years

## HP DeskJet 310 Printer



The HP DeskJet 310 printer is a feature-packed desktop printer with the added benefit of portability and the option of affordable color.

- **Excellent print quality**  
Produces high-quality 300-dpi text for no-compromise professional documents
- **Portability**  
Provides the convenience of on-the-go portability in a compact, light printer with an optional battery
- **Affordable optional color**  
Creates high-impact color documents and presentations with the addition of the optional color kit

- **Less expensive than previous model**  
Delivers more features for less money
- **HP quality, reliability, and support**  
Assures you are getting the best quality and value for your money

### Accessories

*Optional:* Cut-sheet feeder; color kit; battery (rechargeable NiCad); carrying case; Worldwide Rapid Recharger; low-profile Centronics parallel cable

## HP DeskJet 500 Printer



Even if your budget is tight, you can still afford a fast, quiet, high-quality printer—the HP DeskJet 500 printer for black-only printing.

- **DOS and Windows™ support**  
Works with more than 600 popular PC applications
- **Four internal typefaces, 13 scalable fonts for Windows**  
Creates a wide variety of professional-looking documents

- **Quiet operation**  
Maintains a productive work environment
- **100-sheet paper tray**  
Holds letter- and legal-size paper for convenient operation and paper selection flexibility
- **Small footprint**  
Measures only 17 x 15 inches (43.2 x 38.1 cm); fits easily on a desk

**Accessories and Supplies**  
*Optional:* Font and emulation cartridges and soft fonts

### Comparing HP DeskJet Printers

Plain paper  
Text resolution  
Color resolution  
True black & color on the same page  
Ink cartridges (at a time)  
Pages per minute (black)  
Scalable typefaces

	●	●
	300 dpi	300 dpi
	300 dpi (with optional color kit)	
	1 black or 1 tricolor (cyan, magenta, and yellow)	1 (black only)
	3 ppm	3 ppm
	13 (with Windows)	13 (with Windows)

HP DeskJet 500C Printer



The HP DeskJet 500C printer produces high-quality black or color graphics output—perfect for entry-level color printing.

- **Media flexibility**  
Handles letter- and legal-size plain paper, transparencies, HP JetSeries media, and envelopes

**Accessories and Supplies**  
*Optional:* HP JetSeries media (transparency film, glossy and cut-sheet paper); font cartridges and soft fonts

- **Single-cartridge system**  
Allows black or color graphics printing by simply changing cartridges
- **Four internal typefaces, 13 scalable fonts for Windows™**  
Creates a wide variety of professional-looking documents
- **Faster print speed**  
Produces up to 3 ppm in black and 4 mpp in color; faster than most dot matrix printers



HP DeskJet 550C Printer



The HP DeskJet 550C printer with both black and color ink cartridges is great for more demanding documents.

- **Convenient dual-cartridge system**  
Prints true high-quality black and color on the same page without changing cartridges
- **Tricolor ink cartridge**  
Produces millions of bold, vibrant colors with cyan, magenta, and yellow ink
- **Faster print speed**  
Produces up to 3 ppm in black and 4 mpp in color; faster than most dot matrix printers
- **Six resident fonts**  
Creates a wide variety of professional-looking documents in 84 typeface, size, and style combinations
- **Media flexibility**  
Handles letter-, legal-, and executive-size plain paper, transparencies, HP JetSeries media, and envelopes (20 at a time)

**Accessories and Supplies**  
*Optional:* HP JetSeries media (transparency film, glossy and cut-sheet paper); font cartridges and soft fonts

HP DeskJet 1200C Printer



The HP DeskJet 1200C printer is a powerful office printer with fast, high-quality output for both black text and full-color documents.

- **Low-cost color**  
Uses four high-capacity print cartridges to create plain-paper color output at a very low cost per page
- **HP LaserJet printer compatibility**  
Features HP PCL 5, scalable typefaces, expandable memory, and more
- **600 x 300-dpi black text**  
Produces high-quality black text using HP's Resolution Enhancement technology
- **Fast print speeds**  
Prints black text at up to 7 ppm (4 ppm in high-quality mode)
- **Brilliant full color**  
Creates 300-dpi color output in millions of bold, vibrant colors with black, cyan, magenta, and yellow ink in less than 2 mpp

**Accessories and Supplies**  
*Optional:* PostScript™ Level 2 module; 1-, 2-, 4-, and 8-MB SIMM; HP LaserJet typeface cartridges; HP JetDirect cards; HP JetSeries media (transparency film, glossy and cut-sheet paper)

●	●	●
300 dpi	300 dpi	600 x 300 dpi black (HQ) 300 x 300 dpi color
300 dpi	300 dpi	300 dpi
●	●	●
1 black or 1 tricolor (cyan, magenta, and yellow)	1 black and 1 tricolor (cyan, magenta, and yellow)	1 each of black, cyan, magenta, and yellow
3 ppm	3 ppm	7 ppm
13 (with Windows)	13 (with Windows)	45 internal

## HP LaserJet Printers

Premier laser printers to meet all of your needs

### Common Features

No matter what your laser printing needs are, HP has a laser printer for you with features you'll appreciate.

- **Resolution Enhancement technology and microfine toner**  
Improves printer resolution to produce smoother curves and sharper text and graphics
- **Enhanced HP PCL 5**  
Provides universal software support, text scaling from tiny footnotes to page-filling headlines, and fast graphics printing
- **Paper handling**  
Handles letter-, legal-, A4-, and executive-size plain paper, transparencies, and envelopes
- **Compatibility**  
Compatible with major software applications

## HP LaserJet 4L Printer



The HP LaserJet 4L printer makes great laser printing affordable for virtually anyone.

- **300 dpi with Resolution Enhancement technology and microfine toner**  
Produces smoother curves, blacker blacks than other 300-dpi printers
- **26 scalable typefaces**  
Creates a wide variety of professional-looking documents with thousands of different fonts
- **EconoMode**  
Saves money on toner by printing easily readable documents using only half the toner of normal printing

- **Enhanced HP PCL 5**  
Provides universal software support, text scaling from tiny footnotes to page-filling headlines, the ability to rotate text and graphics, and faster graphics printing
- **Memory Enhancement technology**  
Compresses fonts and data to effectively double your standard printer memory; allows you to print more complex graphics and use more downloaded fonts in the standard 1 MB of printer memory

#### Accessories

*Optional:* 1-MB memory upgrade

## HP LaserJet 4P Printer



The *new* HP LaserJet 4P printer combines true 600-dpi printing with other advanced features at an affordable price.

- **True 600 dpi with Resolution Enhancement technology and microfine toner**  
Produce the highest quality desktop text and graphics
- **Low cost and low power**  
Combines a low price with toner saving EconoMode—and energy-saving low power features
- **Expandability options**  
Comes standard with serial and Bi-Tronics parallel interface, a font cartridge slot, and 2 MB memory

- **45 scalable typefaces**  
Provides greater flexibility in creating professional-looking documents
  - **Custom media**  
Features a new flat paper path technology that prints more paper sizes and types, including mailing labels, postcards, 3 x 5 cards, and wrinkle-free envelopes
- Accessories**  
*Optional:* 1-, 2-, 4-, and 8-MB SIMM; PostScript Level 2 SIMM; HP JetDirect External Network Interface

Comparing  
HP LaserJet Printers

Pages per minute	4 ppm	4 ppm
Resolution	300 dpi	600 dpi
Resolution Enhancement technology	●	●
Microfine toner	●	●
Standard memory	1 MB	2 MB
HP JetDirect card compatibility		Optional

**HP LaserJet 4 Printer**



The HP LaserJet 4 printer delivers superior 600-dpi output for both text and graphics.

- **Two media trays**  
Prints on different media types and sizes directly from applications

**Accessories**  
*Optional:* PostScript™ Level 2 from Adobe SIMM; 500-sheet paper tray; 75-envelope power feeder; HP JetDirect cards

- **True 600 dpi with Resolution Enhancement technology and microfine toner**  
Produces superior output with sharp text and smooth curves
- **45 scalable typefaces**  
Creates a wide variety of professional-looking documents with expanded type selection
- **RISC-based processor**  
Delivers faster printing of even complex documents

**HP LaserJet 4Si Printer**



The HP LaserJet 4Si is a fast, fourth-generation LaserJet printer for all of your current and expanding printing needs.

- **Enhanced HP PCL 5**  
Increases print speed, automatically renders text and graphics at 600 dpi, and handles complex graphics without additional memory

- **17-ppm print speed**  
Delivers true 600-dpi output faster than most 300-dpi printers
- **True 600 dpi with Resolution Enhancement technology and microfine toner**  
Produces superior 600-dpi output

- **Optional PostScript Level 2 software from Adobe**  
Allows virtually unlimited control over text and graphics
- **Optional HP JetDirect cards**  
Allows users on multiple networks to share a single printer

- **RISC-based processor**  
Delivers faster printing of even complex documents
- **High capacity, high volume printing**  
75,000 pages per month

**Accessories**  
*Optional:* Duplex unit (two-sided printing); 1,500-sheet paper feeder; 2,000-sheet output stacker with printer stand; power envelope feeder

8 ppm	17 ppm
600 dpi	600 dpi
•	•
•	•
2 MB	2 MB
•	Optional



## HP PaintJet Printers

Affordable printers to meet all of your color output needs

### Common Features

With HP PaintJet printers, you can produce outstanding color graphics and text without the expense and hassle often associated with color printing.

- **HP color inkjet technology**  
Delivers bold, bright colors; special transparency mode increases film output quality
- **PANTONE®-approved colors (Windows only)**  
Creates inexpensive color proofs of layouts, illustrations, and designs with Pantone-licensed applications
- **HP JetSeries media compatibility**  
Increases output choices; delivers more brilliant colors and a wider color range than other media
- **Quiet operation**  
Maintains a productive work environment

## HP PaintJet Color Graphics Printer



The HP PaintJet color graphics printer delivers convenient, affordable, high-quality color for desktop-presentation overheads and handouts.

- **Four-color printing**  
Creates a wider color range for greater realism and visual impact
- **Replaceable print cartridges**  
Improves reliability because print head is replaced along with cartridge
- **4-minutes-per-page print speed**  
Delivers color graphics right on the desktop
- **DOS and Windows support**  
Works with virtually all PC software applications
- **Manual and sprocket feed**  
Provides media versatility and allows automatic feed of Z-fold paper

**Accessories and Supplies**  
*Optional:* HP JetSeries media (cut-sheet paper and transparency film); print cartridges; dust cover

## HP PaintJet XL300 Color Printer



The HP PaintJet XL300 color printer delivers laser-quality output in up to 16.7 million colors for all your A/A4 and B/A3 (tabloid-size) business and technical printing needs.

- **300-dpi color inkjet printing**  
Delivers laser-quality text and brilliant colors with easy-to-use color-management tools
- **Color HP PCL 5**  
Provides strong software support, HP LaserJet printer compatibility, and faster printing
- **DOS, Windows, and Macintosh support**  
Supports industry-standard operating systems in single-use, shared, and network configurations
- **Plain-paper printing**  
Prints on letter-, legal-, A4-, and tabloid-size media; saves money and allows use of letterhead and stationery
- **Automatic I/O switching**  
Switches automatically between Centronics and AppleTalk or RS-422-A interfaces; optional HP JetDirect cards provide direct network connection

**Accessories and Supplies**  
*Optional:* PostScript Level 2 upgrade kit; memory expansion boards; 1-, 2-, 4-, and 8-MB SIMM; HP LaserJet typeface cartridges; HPJetDirect cards; HP JetSeries media (transparency film, glossy and cut-sheet paper); media trays

### Comparing HP PaintJet Printers

**Resolution**

**Minutes per page (graphics)**

**Ink cartridges**

**Prints black and up to 16.7 million colors**

**PANTONE-approved colors (Windows only)**

**HP JetSeries media compatibility**

**Plain-paper printing**

180 dpi

4 mpp

1 black and 1 tricolor

•

Windows 3.0 only

•

300 dpi

1.5-6 mpp

1 each of black, cyan, magenta, and yellow

•

Windows 3.0 and 3.1

•

•

## HP ScanJet Scanners

Scanners that make your document or presentation look even better than you imagined

### Common Features

HP ScanJet scanners let you easily and accurately capture images and text.

- **HP AccuPage 2.0 technology**  
Assists OCR in recognizing 4-point characters off varied colored backgrounds; retains page format, and recognizes images and text in one pass
- **Automatic exposure**  
Saves time and eliminates guesswork by automatically setting the optimum brightness and contrast
- **Print-path calibration**  
Produces the highest-quality final output possible by automatically optimizing scan settings for the selected printer
- **Live preview**  
Saves time and eliminates frustration by displaying scan control changes on screen without rescanning
- **TWAIN compliance**  
Lets you scan images directly into your application, including word processing, desktop publishing, presentation, spreadsheet, and database software

## HP ScanJet IIP Scanner



The HP ScanJet IIP grayscale scanner gives you high-quality graphics and text at an affordable price.

- **1200-dpi enhanced resolution, 300-dpi optical**  
Adjustable resolution for scanning a broad variety of images
- **8-bit grayscale**  
Ensures high-quality scanning and reproduction of photographs and illustrations

- **AutoFind**  
Makes scanning as easy as using a point-and-shoot camera
- **Popular file formats**  
Saves scanned files in TIFF 5.0, TIFF 5.0 compressed, MSPaint, Publishers Paintbrush, PC Paintbrush, MS Windows 3.0 bitmap, OS/2 bitmap, GEM, and EPSF formats

### Accessories

*Optional:* 20-page automatic document feeder

## HP ScanJet IICx Scanner



The HP ScanJet IICx scanner provides fast 24-bit color and grayscale text-and-image scanning at up to 1600-dpi resolution.

- **1600-dpi enhanced resolution, 400-dpi optical**  
Provides clear, crisp scans that help you create documents that communicate more effectively
- **Single-pass color scanning mechanism**  
Saves time in color scanning and provides accurate color registration

- **Speed improvements**  
Delivers scans up to 50 percent faster than its predecessor, the HP ScanJet IIC, for better OCR and document management

- **Transparency adapter (optional)**  
Scans transparent media such as slides and negatives for greater flexibility in putting together effective documents

### Accessories

*Optional:* 50-sheet automatic document feeder; transparency adapter

### Comparing HP ScanJet Scanners

Auto Exposure/AutoFind



Live preview



8-bit grayscale



24-bit color recognition



Optical resolution

300 dpi

400 dpi

Enhanced resolution

1200 dpi

1600 dpi

TWAIN compliance



**HP Fax Products**

Plain-paper fax machines for every office

**Common Features**

HP's fax products offer the convenience and quality of plain-paper faxes with a variety of features.

- **Plain-paper inkjet technology**  
Creates less-expensive, better-looking, easy-to-handle faxes that won't curl or fade; eliminates need to copy fax
- **12-seconds-per-page fax transmission speed**  
Saves time and money when sending documents
- **Remote diagnostics**  
Allows most fax machine problems to be detected and corrected over the phone
- **30-page automatic document feeder**  
Provides convenient, unattended operation
- **CCITT Group 3 fax transmission technology with Error Correction Mode**  
Provides accurate transmission of all your faxes
- **HP reliability**  
Comes with a 1-year HP Express Exchange warranty that guarantees overnight replacement of your fax machine\*

**HP FAX-900**



The HP FAX-900 is an efficient standalone fax product with plain-paper convenience at an affordable price.

- **Plain paper**  
Provides superior handling convenience over thermal paper at a more affordable cost per copy
- **1-year warranty**  
Gives you worry-free reliability
- **50 speed-dialing numbers**  
Offers greater time savings in busy offices
- **Smoothing technology**  
Delivers sharper text quality for greater readability
- **Standard dialing features**  
Includes the convenience of automatic redial, delayed dialing, and memory transmission

**HP FAX-950**



The HP FAX-950 combines advanced features with affordability in a standalone, plain-paper fax product.

- **Plain paper**  
Provides a less expensive, no-curl alternative to thermal paper; it can also be written on and stored
- **1-year warranty**  
Gives you worry-free reliability
- **Smoothing technology**  
Delivers sharper text quality for greater readability
- **Expandable memory feature**  
Grows as your business grows with .512 MB of memory standard, and user installable memory upgrades available
- **Verification stamp**  
Increasing productivity by providing visual verification of fax transmission

**Accessories**  
*Optional:* 1- and 2-MB memory upgrades

**Comparing HP Fax Products**

Plain paper	•	•
Auto redial	•	•
Semi-dual access	•	•
Confidential transmission and reception		•
Max. resolution (send/receive)	200/300 dpi	300/300 dpi
Fax transmission speed (per page)	12 secs	12 secs
Memory (std./max.)	12/12 pages	28/148 pages

\*Available in the U.S. and Canada.

# HP Fax Product Specifications

Product Name	HP FAX-900	HP FAX-950
Part Number	C3510A	C3520A
Fax Technology	CCITT Group 3	CCITT Group 3
Error Correction Mode	Yes	Yes
Print Technology	Inkjet	Inkjet
Paper Type	Plain paper	Plain paper
Paper Capacity	100 pages	100 pages
ADF Capacity	30 pages	30 pages
U.S. Cost Per Page (Materials Only)	4¢	4¢
Resolution: Maximum Send	200 dpi	300 dpi
Maximum Receive	300 dpi	300 dpi
Halftone Levels	64	64
Speed <sup>1</sup>	12 secs per page	12 secs per page
Memory: Standard	12 pages	28 pages
Maximum	12 pages	148 pages
Front Panel Display	20 characters	20 characters
Speed Dialing	50 abbr. numbers; 16 one-touch keys	100 abbr. numbers; 28 one-touch keys
PC Interface	No	No
PCL Emulation	Not applicable	Not applicable
HP Font Support	Not applicable	Not applicable
Novell Networks Support	Not applicable	Not applicable
Windows Support	Not applicable	Not applicable
Automatic Redial	Yes (up to 5 times)	Yes (up to 5 times)
Broadcasting	Yes (53 locations)	Yes (112 locations)
Confidential Reception	No	Yes
Confidential Transmission	No	Yes
Copier Function	Yes (1 copy)	Yes (up to 99 copies)
Delayed Dialing	Yes	Yes
Distinctive Ring Detect	Yes	Yes
Easy Paper Reload	Yes	Yes
Management Reports	Yes	Yes
Out-Of-Paper Reception	Yes	Yes
Phone/Fax Switch	Yes	Yes
Polling	Yes (up to 53 locations)	Yes (up to 112 locations)
Remote Diagnostics	Yes	Yes
Semi-Dual Access	Yes	Yes
Smoothing Technology	Yes	Yes
Telephone Handset	No	Yes
Verification Stamp	No	Yes
Warranty	1-year HP Express Exchange (U.S. and Canada)	1-year HP Express Exchange (U.S. and Canada)
Footprint	16 x 15 in (40.6 x 38.1 cm)	16 x 15 in (40.6 x 38.1 cm)

<sup>1</sup> Based on CCITT test chart #1 at standard resolution

# HP DeskJet and LaserJet Printer Specifications

Product Name	HP DeskJet 310	HP DeskJet 500	HP DeskJet 500C	HP DeskJet 550C
<b>Part Number</b>	C2621A (C2622A with cut-sheet feeder)	C2106A	C2114A	C2121A
<b>Print Technology</b>	Inkjet	Inkjet	Inkjet	Inkjet
<b>Speed</b>	Up to 3 ppm	Up to 3 ppm	Up to 3 ppm (black) or 4–7 mpp (color)	Up to 3 ppm (black) or 4–7 mpp (color)
<b>Resolution</b>	300 dpi	300 dpi	300 dpi	300 dpi
<b>Resolution Technology</b>	None	None	None	None
<b>Languages: Standard Optional</b>	HP PCL 3 with extensions None	HP PCL 3 Epson FX and IBM Proprinter emulations	HP PCL 3 None	HP PCL 3 None
<b>Auto Language Switching</b>	No	No	No	No
<b>Monthly Duty Cycle</b>	500 pages	1,000 pages	1,000 pages (black) or 160 pages (color)	1,000 pages (black) or 160 pages (color)
<b>Paper Trays: Standard Maximum</b>	0 1 (with cut-sheet feeder)	1 1	1 1	1 1
<b>Paper Capacity: Standard Maximum</b>	1 sheet 60 sheets (with cut-sheet feeder)	100 sheets 100 sheets	100 sheets 100 sheets	100 sheets 100 sheets
<b>Envelopes: Standard Optional</b>	None None	1 None	1 None	20 None
<b>Media Types</b>	Plain paper, labels, transparencies, and HP JetSeries media	Plain paper and envelopes	Plain paper, envelopes, transparencies, and HP JetSeries media	Plain paper, envelopes, transparencies, and HP JetSeries media
<b>Duplex Printing</b>	No	No	No	No
<b>Memory: Standard Maximum</b>	48 KB 48 KB	16 KB 512 KB	48 KB 512 KB	80 KB 512 KB
<b>Memory Slots</b>	None	2	2	2
<b>Bitmapped Fonts Scalable Typefaces</b>	6 13 (with Windows 3.0 and 3.1)	4 13 (with Windows 3.0 and 3.1)	4 13 (with Windows 3.0 and 3.1)	6 13 (with Windows 3.0 and 3.1)
<b>Cartridge Slots</b>	None	2	2	2
<b>Interfaces: Standard Optional</b>	Parallel None	Serial and parallel None	Serial and parallel None	Serial and parallel None
<b>Auto I/O Switching</b>	No	No	No	No
<b>Auto Network Switching</b>	No	No	No	No
<b>Print Colors</b>	Black and up to 16.7 million colors (with optional color kit)	Black	Black and up to 16.7 million colors	Black and up to 16.7 million colors
<b>Warranty</b>	1-year	3-years	3-years	3-years
<b>Footprint</b>	12 x 2.5 in /13 x 9.5 in (with cut-sheet feeder) (30.5 x 6.4 cm)/(33.0 x 24.1 cm)	17 x 15 in (43.2 x 38.1 cm)	17 x 15 in (43.2 x 38.1 cm)	18 x 15 in (45.7 x 38.1 cm)

<b>HP DeskJet 1200C</b>	<b>HP LaserJet 4L</b>	<b>HP LaserJet 4P</b>	<b>HP LaserJet 4</b>	<b>HP LaserJet 4Si</b>
C1676A	C2003A	C2005A	C2001A	C2010A
Color thermal inkjet	Laser	Laser	Laser	Laser
Up to 7 ppm (black text) or 1–2 mpp (color)	4 ppm	4 ppm	8 ppm	17 ppm
600 x 300 dpi (black text) or 300 dpi (color)	300 dpi	600 dpi	600 dpi	600 dpi
REt (black text only)	REt and microfine toner	REt and microfine toner	REt and microfine toner	REt and microfine toner
Color HP PCL 5 and HP-GL/2 Adobe's PostScript Level 2	Enhanced HP PCL 5 None	Enhanced HP PCL 5 Adobe's PostScript Level 2	Enhanced HP PCL 5 Adobe's PostScript Level 2	Enhanced HP PCL 5 Adobe's PostScript Level 2
Yes (with PostScript option)	No	Yes	Yes (with PostScript option)	Yes (with PostScript option)
8,000 pages	8,000 pages	8,000 pages	20,000 pages	75,000 pages
1 1	1 1 plus power assisted manual feed	1 1 plus power assisted manual feed	2 3	2 2
180 sheets 180 sheets	100 sheets 100 sheets	250 sheets 250 sheets	350 sheets 850 sheets	1,000 sheets 2,000 sheets
1 None	1 None	1 1	10 75	1 100
Plain and glossy paper, labels, envelopes, transparencies, and HP JetSeries media	Plain paper, envelopes, transparencies, and labels	Plain paper, envelopes, transparencies, labels, 3 x 5 cards, and heavy media up to 42 lbs	Plain paper, envelopes, transparencies, and labels	Plain paper, envelopes, transparencies, and labels
No	No	No	No	Optional
2 MB 26 MB	1 MB plus MEt 2 MB plus MEt	2 MB plus MEt 26 MB plus MEt	2 MB 34 MB	2 MB 34 MB
3	1	3	4	4
1 35 Intellifont and 10 TrueType	None 26 Intellifont	1 35 Intellifont and 10 TrueType (35 Adobe Type 1 with PostScript option)	1 35 Intellifont and 10 TrueType (35 Adobe Type 1 with PostScript option)	1 35 Intellifont and 10 TrueType (35 Adobe Type 1 with PostScript option)
1	None	1	1	2
Centronics HP JetDirect cards	HP Bi-Tronics parallel HP JetDirect EX External Network Interface	HP Bi-Tronics parallel, Serial: RS-232 HP JetDirect EX External Network Interface	Serial and HP Bi-Tronics parallel HP JetDirect cards	HP Bi-Tronics parallel HP JetDirect cards
Yes	No	Yes	Yes	Yes
No	No	No	No	Yes (with HP JetDirect cards)
Black and up to 16.7 million colors	Black	Black	Black	Black
1-year HP Express Exchange (U.S. and Canada)	1-year	1-year	1-year	1-year (on site)
19 x 17 in (48.3 x 43.2 cm)	14.5 x 14 in (36.8 x 35.6 cm)	14.7 x 15.4 in (37.3 x 39.1 cm)	16 x 16 in (40.6 x 40.6 cm)	21 x 23 in (53.3 x 58.4 cm)

## HP PaintJet Printer Specifications

Product Name	HP PaintJet	HP PaintJet XL300
<b>Part Number</b>	3630A Option 001 (RS-232-C) and Option 004 (Centronics)	C1645A
<b>Print Technology</b>	Color thermal inkjet	Color thermal inkjet
<b>Speed:</b> Text Graphics	1.5 mpp 4 mpp	1–2 mpp 1.5–6 mpp
<b>Resolution</b>	180 dpi	300 dpi
<b>Print Cartridges</b>	1 black and 1 tricolor (cyan, magenta, and yellow)	1 each of black, cyan, magenta, and yellow
<b>Print Colors</b>	Black and up to 16.7 million colors	Black and up to 16.7 million colors
<b>PANTONE<sup>®</sup>* Compatibility</b>	Yes (Windows 3.0 only)	Yes (Windows 3.0 and 3.1)
<b>Languages:</b> Standard Optional	HP PCL 1 None	Color HP PCL 5 and HP-GL/2 Adobe's PostScript Level 2
<b>Auto Language Switching</b>	No	Yes (with PostScript option)
<b>Monthly Duty Cycle</b>	500 pages	3,000 pages
<b>Media:</b> Capacity	Manual single sheet or sprocket-feed Z-fold	200 sheets or 100 transparencies
<b>Sizes</b>	Letter	Letter, legal, A4, and tabloid
<b>Types</b>	HP JetSeries media and transparencies	Plain and glossy paper, transparencies, and HP JetSeries media
<b>Memory:</b> Standard Maximum	8 KB 8 KB	2 MB 18 MB
<b>Slots</b>	None	2
<b>Bitmapped Fonts Scalable Typefaces</b>	2 2 Intellifont	14 13 Intellifont
<b>Cartridge Slots</b>	None	2
<b>Interfaces:</b> Standard Optional	RS-232-C or Centronics HP-IB	Centronics and AppleTalk or RS-422-A HP JetDirect cards
<b>Auto I/O Switching</b>	No	Yes
<b>Warranty</b>	1-year	1-year
<b>Footprint</b>	17 x 12 in (43.2 x 30.5 cm)	30 x 20 in (76.2 x 50.8 cm)

## HP ScanJet Scanner Specifications

Product Name	HP ScanJet IIp	HP ScanJet IIcx
<b>Part Number</b>	C1797B (AT compatible) C1798B (Micro Channel compatible)	C2507A (AT compatible) C2508A (Micro Channel compatible)
<b>Scanner Type Scanning Mechanism</b>	Flatbed 1 pass, 1 lamp	Flatbed 1 pass, 1 lamp
<b>Resolution:</b> Optical Enhanced	300 dpi 1200 dpi	400 dpi 1600 dpi
<b>Grayscale Levels Color Recognition Spot Color</b>	256 No No	256 Yes – 24 bit Yes
<b>Scanning Speed<sup>1</sup>:</b> 75 dpi (Black and White) 300 dpi (Black & White) 400 dpi (Color)	10 secs 10 secs Not applicable	4 secs 8 secs 20 secs
<b>File Formats</b>	TIFF 5.0, TIFF 5.0 compressed, MS Windows 3.0 bitmap, OS/2 bitmap, EPSF, and PCX	TIFF 5.0, TIFF 5.0 compressed, MS Windows 3.0 bitmap, OS/2 bitmap, EPSF, and PCX
<b>Brightness Settings Contrast Settings</b>	250 250	250 250
<b>Live Preview Resizable Preview Screen</b>	Yes Yes	Yes Yes
<b>Auto Exposure AutoFind Print-Path Calibration Scaling</b>	Yes Yes Yes Yes	Yes Yes Yes Yes
<b>OCR Accuracy (Third-Party Software) HP AccuPage 2.0 Technology</b>	4-pt type Yes	4-pt type Yes
<b>Automatic Document Feeder</b>	Optional (20 pages)	Optional (50 pages)
<b>Image-Editing Software Included</b>	DeskScan II and Aldus PhotoStyler	DeskScan II and Aldus PhotoStyler
<b>Online Help Layered Interface</b>	Yes Yes	Yes Yes
<b>TWAIN Compliance</b>	Yes	Yes
<b>Warranty</b>	1-year HP Express Exchange <sup>2</sup> (U.S. and Canada)	1-year HP Express Exchange <sup>2</sup> (U.S. and Canada)
<b>Footprint</b>	11 x 16 in (27.9 x 40.6 cm)	14.5 x 23 in (36.8 x 58.4 cm)

<sup>1</sup> Scan time only, data transfer time to CPU not included

<sup>2</sup> 2 years additional with purchase of support pack



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