

HP Display Terminals

HP Display Terminals

120 per month = \$4,000
 30% Capital Cost

50 = 100

20 / 40 = 1/2

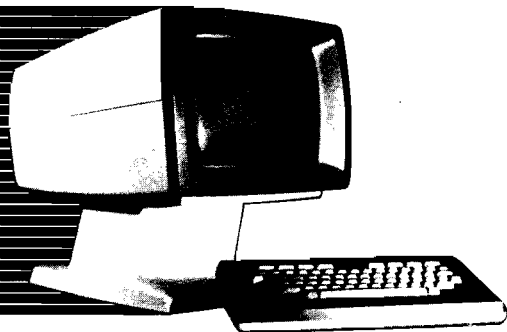
120 per month

1/6 120

20 / 100 = 20 per M

2000	= 20
4000	= 40
5000	= 50

Buyer's Guide



HP Computer Museum
www.hpmuseum.net

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Matching the right terminal to your job

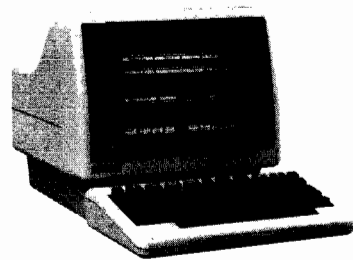
There's a lot more to choosing a computer system than just selecting the right computer. You also need to carefully match the display terminals to your job to produce the exact system solution you need.

After all, to the people who spend the major part of their day in front of one, the terminal is the system. Naturally then, their terminal should provide a comfortable, friendly interface with the computer.

That's why at Hewlett-Packard, we've designed our terminals to work closely with you. This compatibility makes your terminal-intensive applications more productive, while delivering what you're looking for most - results!

- **Alphanumeric Display Terminals**
- **Graphic Display Terminals**
- **Industrial Display Terminals**
- **Accessories**

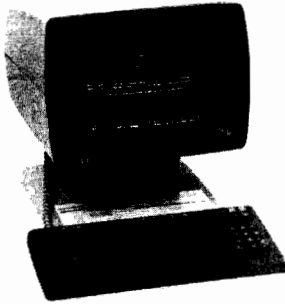
2382A Office Display Terminal



- Excellent for office applications like electronic mail, the compact 2382A is well suited for the desk top since it takes less than a cubic foot of space. Especially attractive to the "occasional" user, it provides an affordable and easy to use personal "information window" for people in various departments.

The 2382A is really a full-capability terminal - with "big terminal" features like screen-labeled soft keys, two pages of memory, block mode and local editing. The detached typewriter-style keyboard has a coiled cord that won't interfere with the desktop work area and the keys have a sculptured profile and velvet finish for a friendlier feel. With its ANSI option, the 2382A works with ANSI compatible computers in addition to HP computer systems.

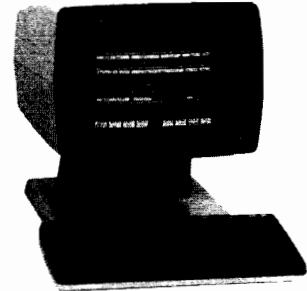
2621B Interactive Terminal



The 2621B combines simplicity, reliability and quality in a low-cost terminal designed for interactive applications. With its unique optional built-in printer, a simple press of a key will generate hard copy of what you see on the screen.

It's bright and easy-to-read display with a 9×15 character cell, two full pages of scrolling memory, 8 screen-labeled soft keys and editing functions give users a productive tool in interactive applications. There is even a modify mode that allows the user to edit and retransmit previous lines of information without having to retype the entire line.

2622A Block Mode Terminal

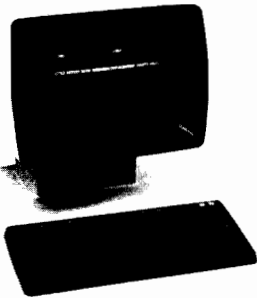


With its high-resolution character cells, forms capability and full display enhancements, the 2622A is ideal for data entry and retrieval applications where you want to ensure efficiency and accuracy, as well as enjoy user "friendliness".

Its two pages of memory, format mode and optional line drawing set, can help you to design forms just like the ones your people are used to working with.

The 2622A has a typewriter-style keyboard with separate numeric keypad for quick and easy data entry, eight screen-labeled soft keys, and an optional built-in thermal printer for hard copy. Besides being compatible with HP computers and VPLUS/3000 software, the 2622A's ANSI option will allow it to communicate with ANSI "speaking" computers.

2624B Data Entry Terminal



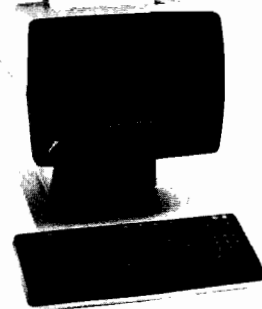
The advanced features of the 2624B make it an ideal terminal for data entry applications. Working closely with the HP 3000's VPLUS/3000 software package, the 2624B's built-in data entry features help reduce system overhead and improve system performance.

The 2624B has local forms storage which allows up to 40 typical forms to be stored in the terminal, transferring them to the screen when needed. In addition, the terminal has up to four pages of memory standard and as an option can be expanded up to nine pages.

Also, there are 11 different local edit checks that provide data integrity and verification without the need for elaborate computer interaction. And with its modify-data tag feature, the 2624B can send to the computer just those fields that have been modified.

Furthermore, the 2624B offers multipoint and point-to-point data communications, and a serial printer port. An optional built-in printer is also available and when it operates in compressed mode, you can generate 132 column lines printed with a full 9×15 dot character cell.

2626A Multi-Window Terminal

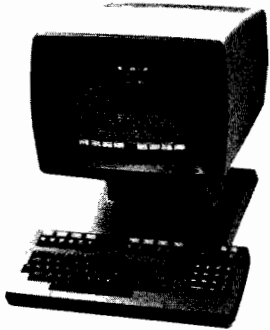


The versatile 2626A terminal lets you divide the screen into as many as four separate "windows", each attached to a different workspace in the terminal's memory. The workspaces can be connected to the two data communication ports available on the 2626A.

These features allow you to run multiple applications concurrently on the same computer system or two different computer systems. For example, you can check a program listing in one window while accessing a file in another, or fill out a form in one window while the computer is executing a program in the other.

Other programmer pleasing features include horizontal scrolling of up to 160 columns, 132 column printout on the optional built-in printer, and an interactive forms design facility which makes it easy to design forms.

2626W Word Processing Terminal

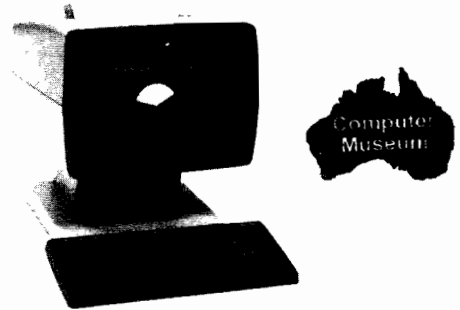


The 2626W is ideal for HP 3000 system users with both word processing and data processing requirements. As a word processing terminal designed for use with HP WORD (Hewlett-Packard's word processing software for HP 3000 computer systems), secretaries can create, edit and store documents. Letter quality copies of these documents can be printed by an optional HP daisywheel printer attached to the 2626W.

Careful attention has been given to the operator interface of the 2626W to enhance word processing productivity and minimize training time. For example, a detached typewriter style keyboard with specially labeled keys common to word processing functions make this terminal's word processing capabilities easy to use.

When the 2626W is not being used as a word processing terminal on a HP 3000, it can operate as a 2626A multi-window terminal. As a 2626A, it can serve a wide variety of data processing applications.

2623A Graphics Terminal



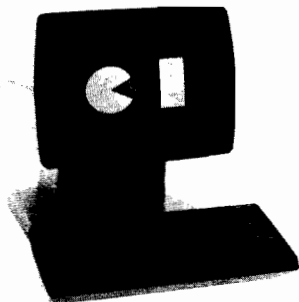
The 2623A offers a raster graphics display and optional built-in low-cost graphics printer for the business, technical and design oriented user. In addition to having the same alphanumeric features of HP's popular 2622 terminal, the 2623 offers fast vector graphics generation and independent graphics and alphanumeric memories, so you can communicate with your system without disturbing the graphics display.

Operating with a wide range of popular graphics software, the 2623A is compatible with both HP and major industry packages such as HP's DSG/3000, HP DRAW, HP EASYCHART and Graphics 1000/II, Precision Visual's DI-3000™ and GRAFMAKER™; ISSCO's DISSPLA™, TELL-A-GRAF™, and SAS's SAS/GRAPH™. Also, the 2623's TEKTRONIX® 4010 compatibility mode allows it to operate with TEKTRONIX's PLOT 10® software.

In addition, the 2623A offers an ANSI software compatibility option which allows the 2623A to be used with host computers and application software that support this popular protocol.

It's like getting three terminals in one, an HP compatible terminal, a TEKTRONIX® 4010 compatible terminal, and an ANSI compatible terminal.

2627A Color Graphics Terminal



The 2627A combines a high quality color raster display with fast vector graphics in a compact, low-price package. It's ideally suited to both business and technical display graphic applications where the addition of color enhances the comprehension of relationships and trends.

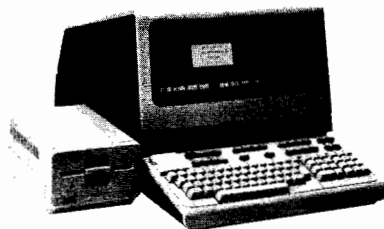
Eight basic colors are provided by the 2627A, plus hundreds of additional user-defined ones including colors that match HP plotter pens. With vector graphics and local polygonal area filling, it's easy to create precise shapes, symbols and typestyles quickly.

The 2627A not only provides color graphics, but also provides color alphanumerics. Up to eight color pairs (foreground/background) can be used on a per character basis to differentiate lines of text and identify critical fields. In addition, a full set of alphanumeric features are available with the 2627A to make it suitable for a wide range of non-graphic applications.

Like the HP 2623A Graphics Terminal, the 2627A is compatible with HP and major industry graphics software packages. For a list of these packages, see the 2623A product summary in this guide. Also, the 2627A offers TEKTRONIX® 4010 compatibility mode allowing it to be used with monochromatic PLOT 10® software.

In addition, the 2627A offers an ANSI software compatibility option which allows the TEKTRONIX® 4010 compatibility mode to operate in either HP or ANSI mode.

2647F Intelligent Graphics Terminal



The 2647F is designed to be used as a terminal in a variety of standalone personal computing and graphics applications. As a graphics terminal, it is compatible with HP and major industry graphic software packages. As a standalone disc-based intelligent graphics workstation, it comes with its own BASIC language that has graphic extensions to let you design your own custom graphics.

Included with the 2647F is a business graphics software package, called AUTO PLOT/47, which gives you the ability to create a variety of business charts without requiring computer system resources. Additional graphs, such as flowcharts, schedules and statistical charts can be drawn using optional application packs specifically designed for the 2647F.

2700 High Performance Color Graphics Workstation



The 2700 series of high performance color-graphics workstations perform graphic functions which off-load graphics calculations from a host computer. The workstation can display multiple views, has true zoom and pan capabilities, and offers a choice of 4096 colors. By storing the vector list which defines the graphics image in the workstation, the 2700 allows the user to pick, move, scale, or rotate an object using the 2700's local graphics manipulation capabilities.

Featured in the 2700 series are two models for business and two models for technical applications. Included are the Model 65 presentation-graphics workstation; Model 60 decision support workstation; Model 55 technical-design workstation; and Model 50 expandable base unit.

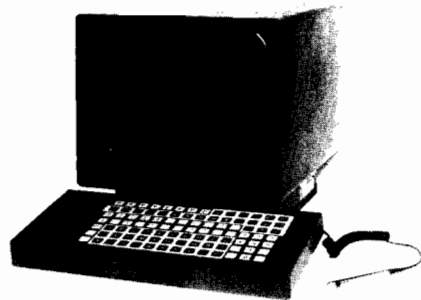
Two application software packages, HP AUTO PLOT/2700, and HP PAINTBRUSH/2700 enhance the workstation's standalone graphic capabilities. HP AUTO PLOT allows the user to design a wide range of business charts and graphics text. HP PAINTBRUSH offers electronic sketching using an optional graphics tablet and local editing of pictures. Like other HP graphic terminals, the 2700 is compatible with HP and major industry system based graphic software packages.

Industrial Terminals



3075A, 3076A Data Capture Terminals

The 3075A and 3076A Data Capture Terminals are designed for on-line data collection at its source — the shop floor. These terminals provide a fast, accurate way for shop floor people to enter data without becoming computer experts. And you can select from a wide variety of input and feedback options, including readers for bar codes, punched or marked cards, and Type III, Type V and magnetic stripe badges.



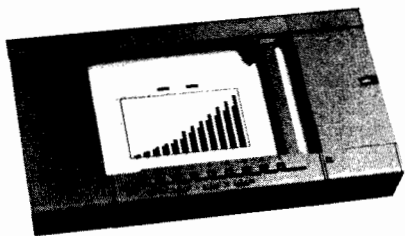
3092A, 3093A Industrial Display/Graphics Terminals

The 3092A alphanumeric and 3093A graphics terminals are designed for use in industrial environments for which office terminals are unsuitable, and are software compatible with the 2622A and 2623A terminals respectively. Both terminals are enclosed in dirt, dust and moisture proof enclosures. Data can be entered with a bar code reader, or flat membrane type detached keyboard.

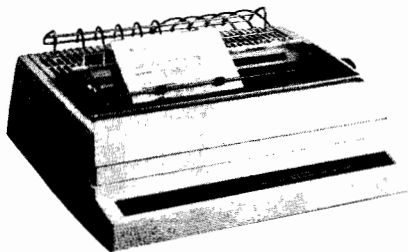
Terminal Accessories

A full line of accessories are available for your terminal from Hewlett-Packard. For details, contact your local HP representative.

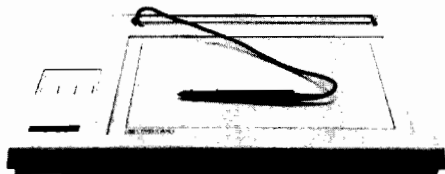
Multicolor Graphics Plotters



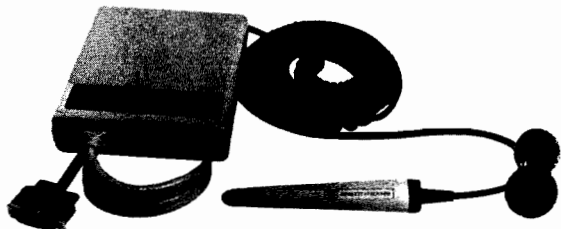
Printers



Graphics Tablet



Bar Code Readers



General Features Comparison Chart

Hewlett-Packard recognizes the special support needs that exist in your company.

With over 170 service and support facilities throughout the world, HP can meet these needs. Hewlett-Packard places the same emphasis on long-term, responsive customer support as it does on superior design and manufacturing of terminals and computer products.

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CH-1217 MEYRIN 2
Geneva, Switzerland

Intercontinental Headquarters:
Hewlett-Packard
3495 Deer Creek Rd.
Palo Alto, CA 94304 USA

Features*

Alphanumeric

Display	2382A	2621B	2622A	2624B	2626A	2626W	2623A	2627A	2647F	2700
Size	9"	12"	12"	12"	12"	12"	12"	12"	12"	12"
Format	24 lines × 80 columns 25th, 26th for labeling/ softkeys	same	same	same	24 lines × 80 to 160 columns 25, 26th for labeling/ softkeys	same	24 lines × 80 columns 25th, 26th for labeling/ softkeys	same	24 lines × 80 columns 25th line for labeling/ softkeys	24 lines × 80 columns 25th, 26th for labeling softkeys
Character Cell	9 × 15	same	same	same	same	same	same	same	same	same
Video Attributes†	UL, IV, B, HB	UL, IV,	UL, IV, B, HB	UL, IV, B, HB	UL, IV, B, SV	UL, IV, B, SV	UL, IV, B, HB	UL, IV, B, HB ₂	UL, IV, B, HB	UL, IV, B, HB ₂
Phosphor	white	white/green /amber	white/green /amber	white/green /amber	white/green /amber	white/green /amber	white/green /amber	color	white	color
Color	no	no	no	no	no	no	no	yes (8)	no	yes (4096)
Memory	2 pages	same	same	2 to 4 pages std, up to 9 opt	119 lines 80 columns	119 lines 80 columns	2 pages	2 pages	116 lines minimum without enhancements	4 pages without enhancements
Graphics	no	no	no	no	no	no	yes 512 × 390	yes 512 × 390	yes 720 × 360	yes 512 × 390
Field Attributes	unprotected/ protected	none	unprotected/ protected	unprotected/ protected/ transmit only	same	same	unprotected/ protected	unprotected/ protected	unprotected/ protected/ transmit only	unprotected/ protected/ transmit only
Data Edit Checks	none	none	none	11 edit checks	character, alphanumeric, numeric fields	same	none	none	character, alphanumeric, numeric fields	none

Keyboard

Style	typewriter	same	same	same	same	same	same	same	teletype	typewriter
Detached	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes
Numeric Pad	opt	opt	std	std	std	std	std	std	std	std
Screen Labeled Soft Keys	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes
Editing Keys††	IC, DC, IL, DL	same	same	same	same	same	same	same	same	same
Cursor Control	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes (thumb wheels)

Data Communications

Mode	character/ line/block	character/ line	character/ line/block	same	same	same	same	same	same	same
Speed	110-9600 baud, above 4800 may require hand-shaking	same	same	same	same	same	same	same	same	110-19,200 baud, above 4800 may require hand-shaking
Interface	RS232	RS232	RS232 std RS422/current loop opt	same	same	same	same	RS232/R5422 std	RS232 std RS422/current loop opt	RS232/R5422 std
Point-to-Point	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes
Multipoint	no	no	no	yes synchronous/asynchronous	yes synchronous/asynchronous	no	no	no	no	no
Protocol	Enq/Ack XON/XOFF	same	same	same	same	same	same	same	same	same
ANSI Compatible	yes	no	yes	no	no	no	yes	yes	no	no

Character Sets

Line Drawing	opt	no	opt	std	std	std	opt	std	std	std
Math/Large	no	no	no	opt	opt	opt	no	no	std	std
Additional Languages	opt	opt	opt	opt	opt	opt	opt	opt	no	opt
Integral Copy										
Integral Printer	no	opt	opt	opt	opt	opt	opt	no	no	no
Printer Port	no	no	opt	yes	yes	yes	yes	yes	opt	yes

† UL Under Line IV Inverse Video B Blinking HB Half Bright HB₂ Half Bright Maps to Color Pair SV Security Video

†† IC Insert Character DC Delete Character IL Insert Line DL Delete Line

* Features are subject to change without notice. For further details refer to respective data sheet.