

**Models 2621A/P**



The 2621A and 2621P terminals emphasize simplicity, reliability, and quality in products designed for interactive applications. The 2621P with an integral thermal printer combines the convenience of local hard copy with the speed of a video terminal.

**FEATURES**

**Display**

- High resolution CRT
- Enhanced 9 x 15 dot character cell
- Upper/lower case characters with displayable control codes
- Character-by-character underline
- Cursor column indicator

**Memory**

- Two full pages (48 lines)
- Roll, home-up, and home-down

**Hard Copy (2621P)**

- Clean, quiet 120 character-per-second integral thermal printer
- Bidirectional printing
- Upper/lower case characters
- Underline
- Excellent character definition
- Automatic data logging

**Ease of Use**

- Familiar 68-key, typewriter-style, detached keyboard
- Embedded numeric pad
- Screen-labeled control keys
- 8 pre-programmed function keys
- Soft configuration

**Editing**

- Character mode editing
- Modify mode
- Line mode
- Character and line, insert and delete
- Full cursor positioning
- Tabulation and margin control
- Clear line, clear display

**Reliability and Serviceability**

- Go/no-go and diagnostic self-test
- Modular construction
- Low component count



HP 2621P INTERACTIVE TERMINAL  
INTEGRAL HARD COPY  
•120 characters per second THERMAL PRINTING  
•UPPER/lower CASE  
•AUTOMATIC DATA LOGGING  
DISPLAY  
•HIGH RESOLUTION 9x15 DOT CHARACTER CELL  
•UPPER/lower CASE CHARACTERS  
MEMORY  
•TWO FULL PAGES (48 lines)  
EASE OF USE  
•FAMILIAR TYPEWRITER-STYLE KEYBOARD  
•SCREEN LABELED CONTROL KEYS  
•SOFT CONFIGURATION  
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•CHARACTER MODE EDITING  
•CHARACTER AND LINE, INSERT AND DELETE

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RESET CLR DSFY config DSFY F1 1 PRINT TEST REMOVE edit

HP 2621P  
HEWLETT-PACKARD



**HIGH RESOLUTION DISPLAY.** The 2621 displays 1,920 characters in a 24 line by 80 column format on a 6 by 8.5 inch high-resolution display. The 9 × 15 dot character cell allows precise formation of complex symbols with wide line and character separation. These features combine to produce a bright, easy to read display for improved operator satisfaction.

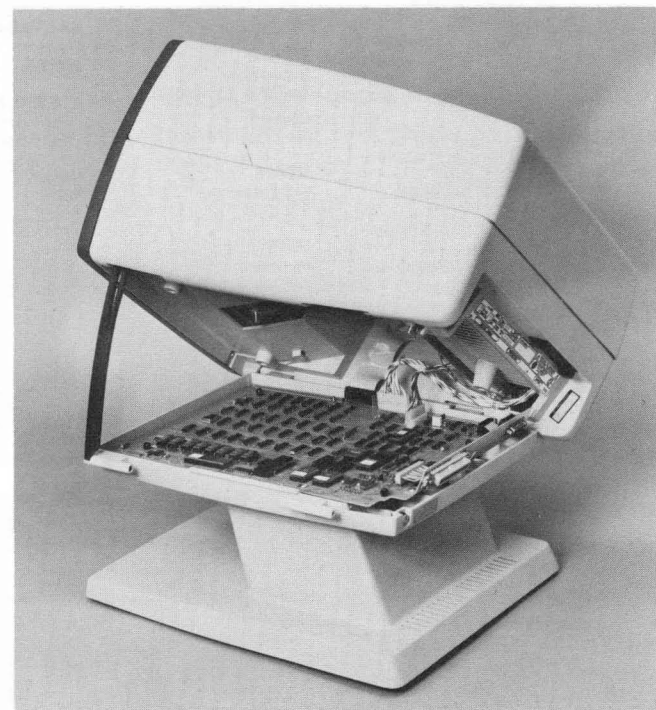
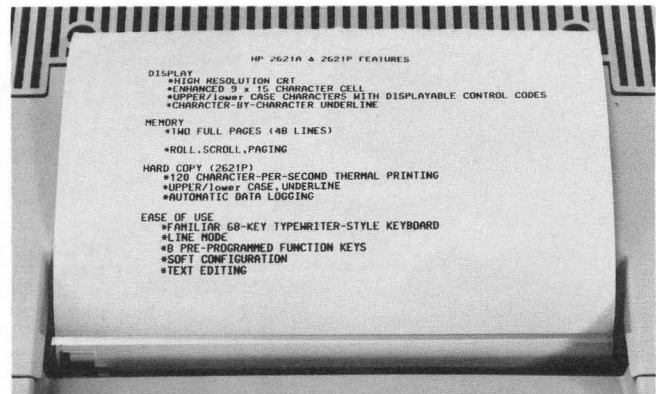
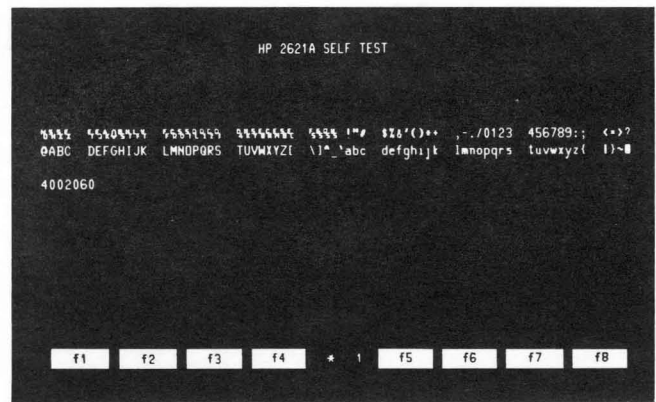
**MEMORY.** In order to provide a backwards look at interactive dialogue, the 2621 contains two full pages (48 lines) of continuous scrolling memory. The contents of memory are viewed with roll up and roll down keys.

**HARD COPY.** In addition to the features of the 2621A, the 2621P Interactive Terminal contains an integral hard-copy unit. Upper/lower case letters and underline are printed on thermal paper at 120 characters-per-second. This self-contained unit is ideal for the occasional walk-away copy. Automatic data logging sends data to the display and the hard copy unit. This provides flexible remote control of the printer.

**EASE OF USE.** The familiar typewriter-style keyboard of the 2621 presents a friendly interface designed to minimize training time. Eight screen-labeled control keys provide quick access to editing, configuration, self-test, printer control, and other functions. Rapid numeric entry is assisted by an embedded numeric pad. The 8 screen-labeled keys also double as special function keys which can be used to call computer-resident routines. Traditional mechanical switches selecting baud rate, parity, and various communication parameters are replaced by soft configuration using non-volatile memory which can be displayed and changed easily from the keyboard.

**EDITING.** The HP 2621 terminal is equipped with editing functions designed to work in interactive, character-mode applications without any need for system software modifications. Because the 2621 keeps track of data sent by the computer, versus data entered from the keyboard, the operator can use local character insert and delete to edit replies to computer-generated questions. In Line Mode, each line of data entered from the keyboard is buffered until the return key is pressed. During normal character mode operation, the operator can use Modify Mode to edit and then transmit a selected line from the terminal's 48 line memory.

**RELIABILITY AND SERVICEABILITY.** The HP 2621 has been engineered for high reliability and fast repair when needed. A built in self-test capability provides the user a Go/No-Go indication to isolate defective modules which can be quickly replaced.



# Specifications

## GENERAL

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Screen Size:	150 mm (6 inches) × 215 mm (8.5 inches)
Screen Capacity:	24 lines × 80 columns (1,920 characters)
Character Generation:	7 × 9 enhanced dot matrix; 9 × 15 dot character cell; non-interlaced raster scan
Character Size:	2.4 mm (.094 inches) × 3.5 mm (.138 inches)
Character Set:	Upper/lower case, displayable control codes
Cursor:	Blinking-Underline
Display Enhancements:	Underline
Refresh Rate:	60 Hz (50 Hz optional)
Tube Phosphor:	P4
Implosion Protection:	Bonded implosion panel
Memory:	4096 bytes (two full pages) 256 bytes, non-volatile (battery powered)
Keyboard:	Full ASCII Code Keyboard; 8 screen labeled keys; cursor controls; embedded numeric pad; auto-repeat; N-key roll-over; detached; with 1.2M (4 ft) cable

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## DATA COMMUNICATIONS

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Data Rate:	110, 150, 200, 300, 600, 1200, 1800, 2400, 3600, 4800, 9600 baud, and external (110 selects two stop bits). Operation with control codes, escape sequences, or integral printer may require CPU supplied delays or handshakes. Typical printer throughput is 90 cps. Full 24 line × 80 character screen copies require 18 seconds.
Asynchronous Interface:	EIA standard RS232C (fully compatible with Bell 103A modems) CCITT V.24
Transmission Modes:	Full duplex, asynchronous
Operating Modes:	On-line; Off-line; Character, Line
Parity:	Selectable; Even, Odd, Zero, One

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## POWER REQUIREMENTS

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2621A Input Voltage:	120V (+5%, -10%) at 60 Hz (±5%) 100V (+5%, -10%) at 50 Hz (±5%) 240V (+5%, -10%) at 50 Hz (±5%)	100V (+5%, -10%) at 60 Hz (±5%) 220V (+5%, -10%) at 50 Hz (±5%)
2621A Power Consumption:	50W	
2621P Input Voltage:	115V (+10%, -25%) at 50/60 Hz (±5%)	230V (+10%, -15%) at 50 Hz (±5%)
2621P Power Consumption:	100W	

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## ENVIRONMENTAL CONDITIONS

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Temperature, Free Space Ambient:	Non-Operating: -40 to +75°C (-40 to +167°F) 2621A Operating: 0 to +55°C (+32 to +131°F) 2621P Operating: + 5 to +40°C (+42 to +104°F)
Humidity:	2621A: 5 to 95% (non-condensing) 2621P: 5 to 80% (non-condensing)
Altitude:	Non-Operating: Sea level to 15240 meters (50,000 feet) Operating: Sea level to 4572 meters (15,000 feet)
Vibration and Shock:	Vibration*: .38 mm (0.015") pp, 5 to 55 Hz, 3 axis Shock*: 30g, 11 ms, 1/2 sine *Type tested to qualify for normal shipping and handling in original shipping container.

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## PHYSICAL SPECIFICATIONS

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Display Monitor Weight:	2621A: 14.5 kg (32 pounds)	2621P: 16.4 kg (36 pounds)
Keyboard Weight:	1.6 kg (3.5 pounds)	
Display Monitor Dimensions:	380 mmW × 475 mmD × 440 mmH (15.0"W × 18.7"D × 17.3"H) (665 mmD (26.2"D) including keyboard)	
Keyboard Dimensions:	380 mmW × 190 mmD × 75 mmH (15.0"W × 7.5"D × 3.0"H)	

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## PRODUCT SAFETY

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Products Meets:	U.L. requirements for: EDP equipment, office appliances, teaching equipment CSA requirements for: EDP equipment U.L. and CSA labels are applied to equipment shipped to the U.S. and Canada
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