

HEWLETT-PACKARD

HP 700/22

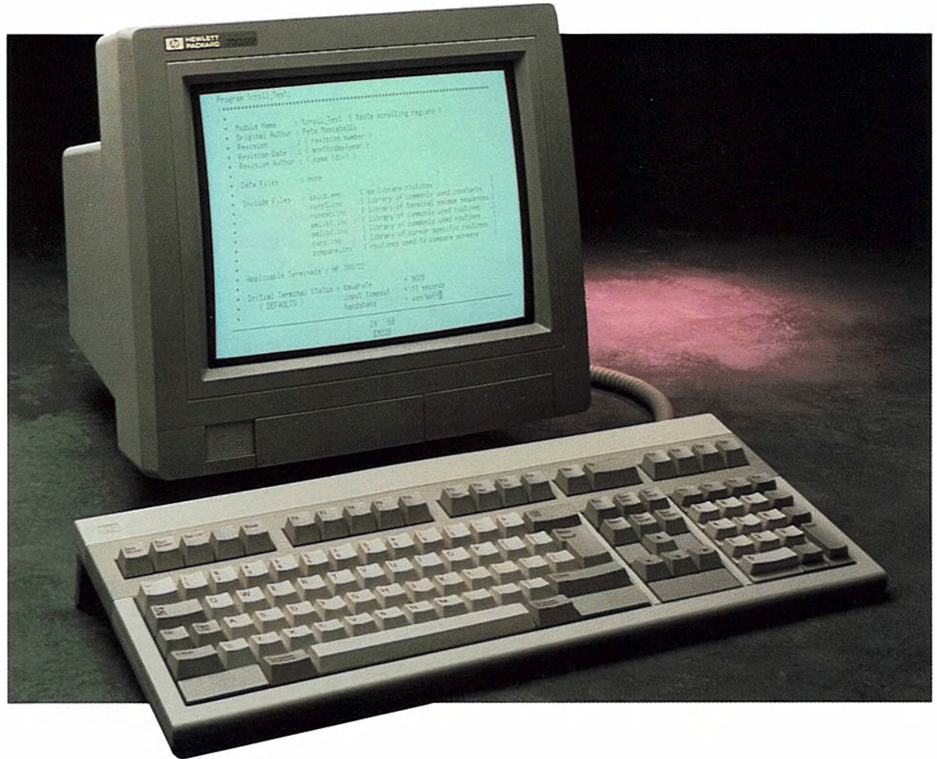
DEC VT220 Compatible Terminal

ANSI from HP

The HP 700/22 Display Terminal is the definitive choice for your ANSI applications. It combines Hewlett-Packard's renowned engineering capabilities with DEC VT220 terminal compatibility.

Designed for Compatibility

The HP 700/22 works with programs designed for DEC VT220, VT100 or VT52 terminals, as well as other applications that speak ANSI 3.64 protocol. You don't have to learn a new keyboard to use the HP 700/22, since its layout is the same as the DEC VT220 terminal. What's more, the keyboard has tactile feedback to give it a responsive touch. With 4 pages of memory, 30 programmable function keys and selectable 80 or 132 column display modes, the HP 700/22 has the features you need to make your job easier.



Superb Ergonomics

The HP 700/22 is fashioned with state-of-the-art ergonomics. Crisp characters are displayed on the 14-inch screen—available in soft white, amber and green phosphor. 72 Hz refresh rate enhances screen readability especially when displaying black characters on a white background. And the tilt and swivel mechanism lets you position the screen effortlessly. With the HP 700/22, you can experience the superior quality that has made HP terminals the top choice for four years in a row in Datapro's User Survey.!

Worldwide Support and Service

You can feel confident that, with one of the largest worldwide networks of sales and service offices in the computer industry, Hewlett-Packard is ready to meet all your display terminal needs.

Features

- Compatibility Modes
 - VT220 mode, 7-bit controls
 - VT220 mode, 8-bit controls
 - VT100 mode
 - VT52 mode
- Ergonomics
 - 14-inch anti-glare screen
 - Green, amber or soft white display
 - Tilt and swivel
 - Selectable 50, 60 or 72 Hz refresh rates
 - Front panel controls
 - Detached adjustable keyboard
- Keyboard
 - VT220 compatible 106-key layout
 - Tactile feedback
 - National language layouts available
- Additional Features
 - 80 or 132 column display
 - 4 pages of display memory
 - RS232C and 20ma current loop interfaces
 - 9-pin RS232C printer port
 - 30 programmable function keys
 - Compose character capability
 - Easy setup menus
 - Nonvolatile memory for saving setup, function key info
 - Jump or smooth scroll
 - 1 year warranty

DEC VT220, VT100 and VT52 are products of Digital Equipment Corporation. ANSI refers to the American National Standards Institute.

+ "User Ratings of Display Terminals and IVDTs," *Datapro Report*, 1983-86.

Compatibility

- DEC VT220, VT100, VT52

Display

- CRT: Etched anti-glare, 14 in. dia. P31 Green, P194 Amber or P188 White phosphor.
- Format: 24 lines x 80 or 132 col. 25th line for status. Jump/smooth scroll.
- Character Generation: 7x11 character in a 9x14 cell with half-dot shift. Equivalent to an 18x14 cell for most characters.
- Character Sets: ASCII, line drawing, national, and user-definable.
- Cursor: Underline (blinking), block (blinking), or disabled.
- Display Enhancements: Reverse, underline, blink, bold, double high/double wide.
- Display Memory: Up to 4 pages.
- Screen Saver: 5, 10, 15 minutes or off.
- Refresh Rate: 50, 60, or 72 Hz.

Keyboard

- Style: Detached, slant adjustable, low profile, coiled cable. Sculptured keys, tactile feedback.
- Layout: 106 key, VT220 compatible, national layouts available.
- Function Keys: 30 user program mable keys.
- Operation: Auto-repeat, N-key rollover.

Data Communications

- Interface:
 - Port 1 - RS232C or 20mA current loop
 - Port 2 - RS232C 9-pin printer port.
- Baud Rates: 75 to 38.4k baud. Handshaking may be required.
- Handshaking: XON/XOFF
- Parity: None, odd, even, 1 and 0.

Physical Characteristics

- Display:
 - (HxWxD): 330 mm x 330 mm x 330 mm, 8.8 Kg
- Keyboard:
 - (HxWxD): 35 mm x 468 mm x 198 mm, 1.85 Kg
- Keyboard Cable: Coiled 0.8m; Extended 3m

Power Requirements

- Input Voltage: 100V to 240V at 50-60 Hz.
- Power Consumption: 35 watts (average)
- Thermal Dissipation: 110 BTU/hr.

Environmental Conditions

- Temperature:
 - Operating: 0° C to 55° C
 - Non-operating: -40° C to 70° C
- Humidity:
 - Operating: 15% to 95% (40° C)
 - Non-operating: 90% (65° C)
- Shock: 105 g, 3 ms, 65 in./sec., V₂ sine
- Vibration: Operating 5-500 Hz, .0001 g²/Hz amplitude, 10 min./axis

Product Regulations

- Safety:
 - United States—UL Listed 478
 - Canada—CSA certified
 - Germany—VDE/TUV (GS) Mark
 - Finland—FEI approval pending
 - International—IEC 380/435
- RFI:
 - United States—FCC class A
 - Germany—VDE 0871 level B Mark pending
 - Japan—VCCI class 1
- DATACOMM:
 - CCITT V.24, V.28 Electrical Recommendations Approvals pending: Belgium, Germany, UK, and Finland.
- Ergonomics:
 - Germany—ZH 1/618 "Safety Regulations for Display Work places in the Office Sector"

Ordering Information

C1004A (amber display)
C1004G (green display)
C1004W (soft white display: black characters on white background)

Required Localization Options:

ABA	U.S.
ABB	STD. EUROPE - U.S.*
ABD	GERMANY
ABF	FRANCE
ABR	REP. OF SO.AFRICA - U.S.*
ABS	SWEDEN
ABU	UK/IRELAND
ABZ	ITALY
ACC	UK/IRELAND - U.S.*
ACD	SWITZERLAND- U.S.*
ACE	DENMARK - U.S.*
ACF	JAPAN - U.S.*
ACG	AUSTRALIA - U.S.*

* U.S. Keyboard, local power cord

Non-required warranty option:

W03 Convert 1 year warranty to 90 days on-site

Technical information in this document is subject to change without notice.