

HEWLETT-PACKARD

HP 700/71

IBM 3191 Compatible Terminal

The IBM Alternative

The HP 700/71 Display Terminal is your best choice for applications that require IBM 3191 emulation. The HP 700/71 combines Hewlett-Packard's renowned engineering skills with IBM 3191 Display Station compatibility. It reflects the outstanding quality that has made HP terminals the top choice for 4 years in a row in Datapro's User Survey.!

Designed for the IBM User

The HP 700/71 has features designed for the most demanding user. You can choose for your keyboard either the 122-key layout or the space-saving 102-key version. User controls, including a security keylock, are located on the front panel for easy access. But convenience and comfort don't stop there. The HP 700/71 provides more ergonomic features to make your work easier.



Superb Ergonomics

The HP 700/71's crisp characters are displayed on a 14-inch screen in either amber or green. Its keyboard has tactile feedback for a responsive touch. The tilt and swivel mechanism allows you to position the screen effortlessly. And easy-to-use setup screens simplify terminal configuration. The HP 700/71 also gives you non-volatile memory so you can save your setup information.

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**
 - IBM 3191 Models A and B,
 - Display Station compatibility
 - IBM 3270 Information Display System; coax connection
- **Ergonomics**
 - 14-inch anti-glare screen
 - Green or amber display
 - Tilt and swivel
 - Front panel controls
 - Detached adjustable keyboard
- **Keyboards**
 - IBM compatible 102 and 122 key layouts
 - 24 function keys for application use
 - National language layouts available
 - Tactile feedback
- **Additional Features**
 - Easy setup menu
 - Nonvolatile memory for saving setup information
 - Security lock and keys
 - Automatic screen saver
 - 1 year warranty

IBM 3191 Display Station and IBM 3270 Information Display are products of International Business Machines Corporation.

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

Compatibility

- IBM 3191 Models A and B

Display

- CRT: Etched anti-glare, 14 in. dia., P31 Green or P194 Amber phosphor.
- Format: 24 lines x 80 col., 25th status line for status.
- Character Cell: 7x12 character in a 9 x 15 cell with half-dot shift. Equivalent to 14x12 character matrix in an 18x15 cell for most characters.
- Character Sets: EBCDIC plus 3 ASCII characters: "a", "[", "]".
- Cursor: Underline (blinking or static), block (blinking or static).
- Display Enhancements: High and normal intensity, security.
- Screen Auto Dimming: 10, 30, 60 minutes or off.
- Refresh Rate: 64.3 Hz.

Keyboard

- Style: Detached, slant adjustable, low profile, coiled cable. Sculptured keys with tactile feedback.
- Layout: 122 Key or 102 key, US/international layouts; typewriter or data entry. Keyboard overlay fits over function keys.
- Function Keys: 24
- Operation: Auto-repeat, N-key rollover.

Data Communications

- Interface: Coax connector; IBM coax type A.
- Bit Rate: 2.359MHz.

Physical Characteristics

- Display:
(H x W x D): 330 mm x 330 mm x 330 mm, 8.8 Kg
- Keyboard:
(H x W x D): (102 key) 35mm x 468mm x 198mm, 1.85 Kg
(122 key) 35mm x 515mm x 198mm, 2 Kg
- Keyboard cable: Coiled 0.8m
Extended 3.0m

Power Requirements

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

Environmental Conditions

- Temperature:
Operating: 0° C to 45° C
Non-operating: -40° C to 70° C
- Humidity:
Operating: 15% to 95% relative humidity at 40° C
Non-operating: 90% relative humidity at 65° C
- Shock: 105 g, 3 ms., 65 in./sec, \sqrt{t} sine
- Vibration:
Operating: 5-500 Hz, .0001 g²/Hz amp., 10 min./axis

Product Regulations

- Safety:
United States—UL Listed 478
Canada—CSA certified
Germany—Safety (GS) Mark pending
Finland—FEI approval pending
International—IEC 380/435
- RFI:
United States—FCC Docket 20780 class A
Germany—VDE 0871 level B Mark pending
Japan—VCCI class 1
- Ergonomics:
Germany—2H 1/618 "Safety Regulations for Display Work places in the office sector" pending

Ordering Information

C1005A HP 700/71 Display Terminal with amber phosphor
C1005G HP 700/71 Display Terminal with green phosphor

Required Localization/Keyboard Options***

Option #	Country	Keyboard Layout	# Keys
500	US	p * *	122
501	US	p * *	102
502	US	D **	122
503	US	A **	122
520	LATIN AMERICA	p **	122
530	JAPAN - U.S.*	p **	122
531	JAPAN - U.S.*	p **	102
540	AUSTRALIA - U.S.*	p **	122
541	AUSTRALIA - U.S.*	p **	102

* U.S.Keyboard, local power cord

** T = Typewriter, D = Data Entry, A = ASCII

*** European and Republic of South Africa Localizations are available by ordering separate localization kits

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.