

HP 700/60 Terminal for UNIX[®] Systems and Multi-user PCs

Technical Data

HP Terminals

The Ideal HP 9000 Terminal Solution

The HP 700/60 is an ideal terminal solution for HP 9000 systems and multi-user PCs. It provides two de-facto industry standard terminal personalities (Wyse 60 and DEC VT320) in a product that offers advanced display features. These capabilities are provided in a product offering HP quality and reliability, and providing HP customers with an attractive single-vendor system solution.

Superior Display

The HP 700/60 is fashioned with state-of-the-art ergonomics. The HP 700/60 has high resolution characters that are displayed on a fully overscanned 14-inch screen available in amber, green or white phosphor. Page white full overscan provides a borderless full screen video as easy to read as a printed page. Its high 72Hz refresh rate reduces flicker and enhances screen readability, especially when displaying black characters on a white back-

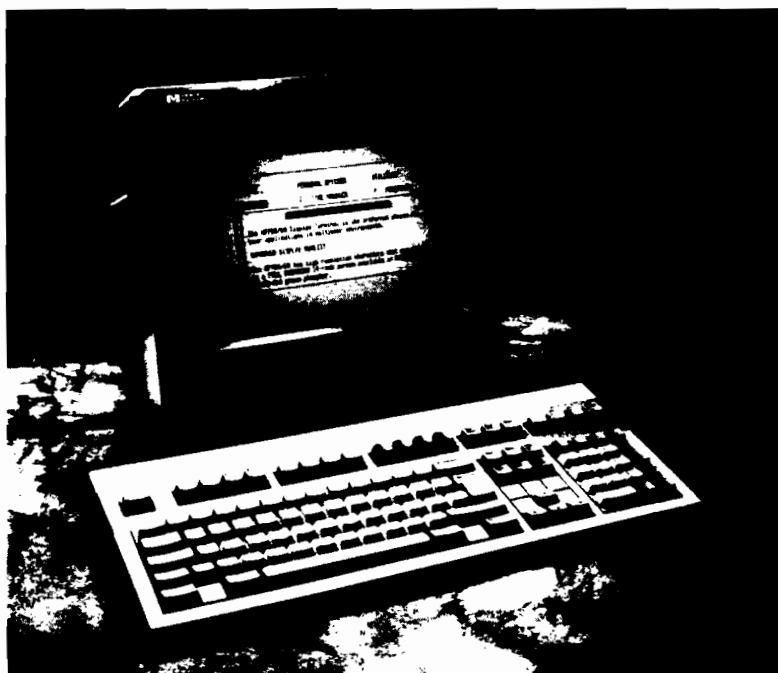
ground. The tilt and swivel mechanism allows you to position the screen effortlessly. Easy-to-use setup screens simplify terminal configuration.

HP Quality and Support

The HP 700/60 has the quality that customers expect from HP. This product utilizes a single-board design which minimizes hardware failures and provides a very high degree of reliability. And, it's fully supported by HP's worldwide support organization, recognized throughout the industry as a leader in customer support.

Compatibilities

The HP 700/60 is compatible with the Wyse 60 in both native and PC term modes, making it ideal for both multi-user HP 9000 systems and multi-user PC environments. The HP 700/60 also supports the DEC VT320 personality, and thus provides an excellent solution for users of HP 9000 or other UNIX systems who require DEC compatibility.



Keyboards

- IBM AT2 or DEC VT320 layouts
- Tactile feedback
- National language layouts

Additional Features

- 80 or 132 column display
- IBM PC character set
- 87 programmable keys in WYSE 60 emulation
- 25-pin RS232/422 interface
- 9-pin RS232C bi-directional printer port
- Centronics parallel port
- 300 to 38.4 K baud
- Easy setup menus
- Nonvolatile memory for saving setup and function key information
- Jump and variable speed smooth scrolling
- 1 year warranty

Ergonomics

- 14-inch anti-glare screen
- White, green or amber phosphor
- Full overscan
- 24 to 50 display lines
- 80/132 display columns
- Tilt and swivel
- 50, 60 or 72 Hz refresh rate
- Front panel controls
- Detached adjustable keyboard

Compatibility

- WYSE 60
- DEC VT320, VT100, VT52

Feature

Programmable Keys

Wyse 60 Mode

30 Function Keys programmable from the host or menu, and an additional 30 function keys programmable from the menu only.

27 non-function keys programmable from the host or menu.

VT 320 Mode

30 Function Keys programmable from the host.



Display Memory

Compatible with Wyse 60
1 to 3 pages

Compatible with DEC VT 320
1 page

Display Lines

24, 25, 42, 43, 48 or 50

24

Display

- *CRT*: Etched anti-glare, 14" diagonal. Soft White, Green or Amber phosphor
- *Format*: 24, 25, 42, 43, 48 or 50 addressable lines by 80 or 132 columns; jump/smooth variable speed scroll
- *Character Generation*: 7 by 13 character in a 10 by 16 cell with half-dot shift; equivalent to 20 by 16 cell for most characters
- *Character Sets*: ASCII, IBM PC, ISO 8859-1, DEC UPSS/Special Graphics
- *Cursor*: Underline (blinking), block (blinking) or disabled
- *Display Enhancements*: Reverse, underline, blink, bold, double high/double wide
- *Display Memory*: Compatible with WYSE 60 and VT320
- *Screen Saver*: 5, 10, 15 minutes or off
- *Refresh Rate*: 50, 60 or 72 Hz

Keyboard

- *Style*: Detached, slant adjustable, low profile, coiled cable
- *Touch*: Sculptured keys, tactile feedback
- *Layout*: IBM AT2 or DEC VT320 compatible national layouts available
- *Programmable Keys*: 87 programmable keys in WYSE 60 emulation
- *Operation*: Auto-repeat, N-key rollover

Data Communication

- *Interfaces*: Serial Port 1 - RS232/422 (25-pin)
Serial Port 2 - RS232C (9-pin) bi-directional printer port
Parallel Port - Centronics
- *Baud Rates*: 300 to 38.4 K baud; handshaking may be required
- *Handshaking*: XON/XOFF, DTR, NONE, XOFF at 64 and 128, DSR, DTR/XOFF at 64 and 128
- *Parity*: None, odd, even, 1 or 0

Physical Characteristics

- **Display:** Height: 330 mm, Width: 330 mm, Depth: 330 mm (13 by 13 by 13 in.), 8.8 Kg (19.5 lbs.)
- **Keyboard:** (H by W by D): Height: 35 mm, Width: 468 mm, Depth: 198 mm (1.4 by 18.4 by 7.8 in.), 1.85 Kg (4.1 lbs.)
- **Keyboard Cable:** Coiled 0.8 m (2.7 ft.), Extended 3 m (9.8 ft.)

Power Requirements

- **Input Voltage:** 100-120 V to 220-240 V at 50-60 Hz
- **Power Consumption:** 35 watts (average)
- **Thermal Dissipation:** 110 BTU/hr.

Environmental Conditions

- **Temperature:**
Operating: 0°C to 55°C (32°F to 131°F)
Non-operating: -40°C to 70°C (-40°F to 158°F)
- **Humidity:**
Operating: 15% to 95% (40°C)
Non-operating: 90% (65°C)
- **Altitude:**
Operating: 0 to 4,600 meters (15,000 ft.)
Non-operating: 0 to 15,300 meters (50,000 ft.)
- **Shock:** 105 g, 3 ms, 65 in./sec., 1/2 sine
- **Vibration:** Operating 5-500 Hz, .0001 g/Hz amplitude, 10 minutes/axis

Product Regulations

- **Safety:** -UL listed - CSA certified
- TUV GS mark, EN60950 - SETI compliance
- **EMI:** - FCC Class A - FTZ 1046/84 level B - EN55022 Class A
- **EMC:** EN55101-2 EN55101-3
- **Datacom:** - Germany
- **Ergonomics:** -ZH1/618
- **Acoustics:** LpA<25db

Ordering Information for the HP 700/60 with a PC-AT Type Keyboard:

Part number	Description
C1080A	(amber display)
C1080G	(green display)
C1080W	(soft white display; black characters on white background)

Localization Options for PC-AT Keyboard (one required):

Option number	Description
ABA	United States
ABB	Standard Europe-U.S.
ABD	Germany
ABE	Spain
ABF	France
ABM	Latin America
ABN	Norway
ABP	Switzerland-German
ABQ	Switzerland-French
ABS	Sweden
ABU	United Kingdom
ABV	Belgium-Flemish
ABY	Denmark
ABZ	Italy
ACC	United Kingdom-U.S.
ACD	Switzerland-U.S.
ACE	Denmark-U.S.
ABR	Rep. of So. Africa-U.S.

Ordering Information for the HP 700/60 with an ANSI Type Keyboard:

Part number	Description
C1080A	option 1A2 (amber display)
C1080G	option 1A2 (green display)
C1080W	option 1A2 (soft white display; black characters on white background)

Required Terminal Kit Options for ANSI Keyboard (one required):

C1082A option ### terminal kit includes an ANSI type keyboard, a manual, and a power cord. Select ### from the following list:

Option number	Description
ABA	United States
ABB	Standard Europe-U.S.
ABE	Spain
ABF	France
ABU	United Kingdom
ABZ	Italy
ACV	Germany

For other localized options, please check for availability with your local sales office.

Non-required Warranty Option:

Option Number	Description
W03	Convert 1 year warranty to 90 days on-site.



HP Computer Museum
www.hpmuseum.net

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For more information, call your local HP sales office listed in your telephone directory or an HP regional office listed below for the location of your nearest sales office.

United States:

Hewlett-Packard Company
4 Choke Cherry Road
Rockville, MD 20850
(301) 670-4300

Hewlett-Packard Company
5201 Tollview Drive
Rolling Meadows, IL 60008
(312) 255-9800

Hewlett-Packard Company
5161 Lankershim Blvd.
No. Hollywood, CA 91601
(818) 505-5600

Hewlett-Packard Company
2015 South Park Place
Atlanta, GA 30339
(404) 955-1500

Canada:

Hewlett-Packard Ltd.
6877 Goreway Drive
Mississauga, Ontario L4V 1M8
(416) 678-9430

Japan:

Yokogawa-Hewlett-Packard Ltd.
15-7, Nishi Shinjuku 4 Chome
Shinjuku-ku
Tokyo 160, Japan
(03) 5371 1351

Latin America:

Hewlett-Packard
Latin American Region Headquarters
Monte Pelvoux No. 111
Lomas de Chapultepec
11000 Mexico, D.F. Mexico
(525) 202-0155

Australia/New Zealand:

Hewlett-Packard Australia Ltd.
31-41 Joseph Street
Blackburn, Victoria 3130
Melbourne, Australia
(03) 895 2895

Far East:

Hewlett-Packard Asia Ltd.
22/F Bond Centre, West Tower
89 Queensway
Central, Hong Kong
8487777

In Europe, please call your local HP sales office or representative:

Austria, East Central Europe, and Yugoslavia:

(0222) 2500 0

Belgium and Luxembourg:

Customer Information Center
(02) 761 34 00

Denmark:

(02) 81 66 40

Ireland:

(01) 88 33 99

Finland:

(0) 88 721

Italy:

(02) 92 19 91

France:

(1) 69 82 60 60

Netherlands:

(020) 547 6666

Germany:

(06172) 16 0

Norway:

(02) 24 60 90

Greece:

(01) 68 28 11

Spain:

900 123 123

Iceland:

(01) 67 10 00

Sweden:

(08) 750 20 00

Switzerland:

(057) 31 21 11 (Head Office)
(022) 780 41 11 (Suisse Romande)
(046) 05 15 05 (Customer Information Center)

South Africa:

HiPerformance Systems
(011) 802 5111

Turkey:

175 29 70

UK:

(0344) 369 369

Middle East and Africa:

Geneva, Switzerland
41/22 780 7111

European Headquarters:

Hewlett-Packard S.A.
150, Route du Nant d'Avril
1217 Meyrin 2
Geneva, Switzerland
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Printed in USA JR1291
5091-3021E