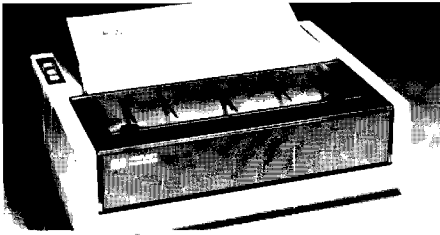


# HEWLETT-PACKARD

## ThinkJet Personal Printers



The low-cost ThinkJet family of personal printers provides fast, quiet, high-quality printing for the office, home, or on-the-go. A variety of interface options and extensive software support allow you to use ThinkJet Printers with most major personal computers—Hewlett-Packard Touch-screen Personal Computer and The Portable, IBM® PC and PCjr., Apple® IIc and IIe, Macintosh™, and COMPAQ® to name a few.

### Printing Flexibility

ThinkJet Printers deliver high-resolution graphics and easy-to-read text. Boldface and underline are accomplished in one pass without sacrificing throughput.

You can use either single sheets or continuous fanfold paper depending on your application needs. The adjustable paper-feed mechanism accommodates both 8½ x 11-inch and 21.0 x 29.7-centimeter (A-4 size) paper.

### User Convenience

Based on a whole new technology, the ThinkJet Printer combines innovation and true user convenience. The print head is actually a disposable ink-jet cartridge that encases the ink as well as the print head. When the cartridge is empty, after about 500 pages of printing, you simply lift the old cartridge out and insert a new one.

#### Features

- Quiet 150 cps printing
- Compact, lightweight, and transportable
- High-quality text and graphics
- Comprehensive print features
  - four print pitches
  - underline and bold
  - printable control codes
- Disposable print head cartridge
- Pin or friction feed
- Variety of interfaces (HP-IB, HP-IL, Centronics parallel, and RS-232C serial)

#### Benefits

You quickly, quietly generate memos, graphics, reports, and spreadsheets. It matches with the smallest of computers and you can take it just about anywhere. You get easy-to-read text and impressive-looking graphics. Allows you to highlight and vary your output to meet your text and graphics needs. Print head cartridge changes are quick and clean. You can use continuous fanfold paper or cut sheets. You can hook it up with most major personal computers as well as Hewlett-Packard computers and terminals.

#### Print Sample

Print quality is enhanced over common dot matrix printers by an 11 x 12 character cell which provides high resolution characters in boldface or underline modes and four print pitches as shown here.

Compressed (142 characters/line)

Normal (80 characters/line)

Expanded compressed (71 characters/line)

Expanded (40 characters/line)

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†Apple and Macintosh are trademarks of Apple Computer, Inc.

‡COMPAQ is a registered trademark of COMPAQ Computer Corporation.

**HP Computer Museum**  
**[www.hpmuseum.net](http://www.hpmuseum.net)**

**For research and education purposes only.**

## Specifications

### PRINT SPEED

150 characters per second  
Bidirectional, optimized path

### CHARACTER STRUCTURE

11 x 12 character cell

### CHARACTER SETS

HP Roman8

128 USASCII (upper and lower case and control codes) Supports Danish, Dutch, English, Finnish, French, German, Norwegian, Portuguese, Spanish, and Swedish

ISO 7-bit languages (HP 2225C and HP 2225D only)

Supports French, German, Spanish, Swedish/  
Finnish, United Kingdom, and USASCII

IBM PC character set (alphanumeric only)

### GRAPHICS

96 x 96 dots per inch dot-addressable raster graphics

192 x 96 dots per inch in high-density mode

### PRINTING FORMAT

Print Mode	Char. per inch	Char. per line
Compressed	21.3	142
Normal	12.0	80
Expanded	6.0	40
Expanded Compressed	10.7	71

Variable line spacing (lines per inch)

6,8

### PAPER HANDLING

Friction feed for single sheets  
Pin feed for continuous fanfold paper  
Paper widths

8-1/2 x 11-inch (U.S. standard)  
21.0 x 29.7-centimeter (metric A4)

For best results, use HP ink-jet paper. All paper should be tested for satisfactory feeding, registration and print quality.

### CONTROLS AND INDICATORS

Power on, Paper out, Top-of-form, Line feed, and Form feed button

### INTERFACES AND POWER SOURCES

HP-IB, AC line power (HP 2225A)

HP-IL, DC battery power (HP 2225B)

Centronics parallel, AC line power (HP 2225C)

RS-232C Serial, AC line power (HP 2225D)

Input voltage (HP 2225A, 2225C and 2225D)

120 volts AC (+5%, -10%) 47.5-63Hz

Input voltage (HP 2225B)

Uses internal battery power supply

Power Consumption (HP2225A, 2225C and 2225D)

2 VA maximum non-printing

17 VA maximum printing

### OPERATIONAL MODES

Switch selectable HP/alternate modes

### ENVIRONMENTAL CONDITIONS

Temperature, free space ambient  
10° to 40° C (50° to 104° F) operating  
-20° to 60° C (-4° to 140° F) non-operating

Humidity

10% to 90% RH, non-condensing

Acoustics (per ISO DP7779 standard)

Sound pressure level-L<sub>pa</sub>: <50 dB(A) @ 1 meter bystander position

### PHYSICAL SPECIFICATIONS

206mm (8.1")D x 292mm (11.5")W x 89mm (3.5")H

3.36kg (7.4 lbs.) HP 2225A net weight

2.5kg (5.5 lbs.) HP 2225B net weight

3.1kg (6.8 lbs.) HP 2225C and HP 2225D net weights

### BUFFER SIZE

1000 bytes

### PRODUCT CERTIFICATIONS

UL, CSA, FEI, NEMKO, KEMA, TUV, SEV, VDE/FTZ,

IEC Compliance. FCC Class B Certified per FCC

Rules, Part 15, subpart J, when used with a Class B

computing device.

### SOFTWARE SUPPORT

The ThinkJet Printer is fully supported on major software packages. Additional support is being provided on a regular basis.

### ESTIMATED TYPICAL USAGE

Less than 40 pages per day.

## Ordering Information

HP 2225A (HP-IB version)

HP 2225C (Centronics parallel version)

HP 2225B (HP-IL battery-power version)

HP 2225D (RS-232C serial version)

Standard unit includes:

Print head cartridge, packet of fanfold ink-jet paper, owner's manual, and warranty card. The HP 2225A, 2225C, and 2225D include a power cord. The 2225B includes a 1-meter HP-IL cable, battery pack, and a recharger.

HP-IB, Centronics-type, and RS-232C-type cable must be ordered separately.

Non-HP interface boards and cards must be ordered through the personal computer supplier.

### Supplies and Accessories

82199A Battery pack for HP 2225B

92261A Print head cartridge (1-black)

92261J Ink-jet paper—single sheets, A-4 size (4 packs of 500)

92261L Short Pack—1000 sheets fanfold ink-jet paper (US standard size)

92261M Ink-jet paper—single sheets, US standard size (4 packs of 500)

92261N Ink-jet paper—fanfold paper, US standard size (2500 sheets)

92261U Ink-jet paper—fanfold paper, A-4 size (2500 sheets)

92261S Acrylic printer stand

### Fast phones for price and availability by location:

Austria: (0222) 25 00 or 615/616 • Belgium/Luxembourg: (02) 7 62 32 00 • Denmark: (02) 8166 40, Ext. 258 • Finland: (90) 4 55 0211 • France: (6) 9 28 32 64 • Greece: (01) 6473360-1 • Italy: (02) 92 36 91 or (06) 5 48 31 • Middle East: Athens—(01) 808-0359 • Norway: (02) 17 1180 • South Africa: Johannesburg—(011) 802 5111; Cape Town—(021) 53 7954; Durban—(031) 28 4178 • Spain: (01) 6 38 4013 • Sweden: (08) 750 20 28 • The Netherlands: (020) 47 0639 • Switzerland: (057) 312254/59 • United Kingdom: (0734) 69 72 01 • United States: 800-538-8787; California—408-738-4133 • West Germany: 0130 33 22.

Hewlett-Packard, 11000 Wolfe Rd.,  
Cupertino, CA 95014  
For your local dealer, call (800) FOR-HPCC



## Interface and Cable Requirements

HP SYSTEM SERIES MODEL	PRINTER MODEL	PRINTER INTERFACE	CABLE	
HP 41C, CV, CX	2225B	82160A	82167A, B, or D	
HP 71B	2225B	82401A	82167A, B, or D	
HP 75C and D	2225B	Built-in	82167A, B, or D	
HP 85*	2225A 2225B 2225C	82937A 82938A 82949A	10833A, B, C or D 82167A, B or D —	
HP 86A	2225C	Built-in	92957A	
HP 86B and 87	2225A	Built-in	10833A, B, C or D	
Series 100	2225A	Built-in	10833A, B, C or D	
Touchscreen PCs	2225D	Built-in	13242G	
Series 200	2225A	Built-in	10833A, B, C or D	
NON-HP SYSTEM SERIES MODEL	PRINTER MODEL	PRINTER INTERFACE	HP CABLE #	NON-HP CABLE #
Apple II, II+, IIe	2225C	Apple II parallel interface card or Grappler +	Not available	Apple # 590-0042
	2225D	Apple Super-Serial Card	17355M	Apple # 590-0037
Apple IIc	2225D	Built-in	92219N	Apple # 590-0191-A
Macintosh**	2225D	Built-in	92219M	Standard Macintosh printer cable
IBM PC, PC XT	2225C	IBM parallel printer adaptor	92219K	IBM Parallel Printer Cable
	2225D	IBM Asyn. Com. Adaptor	17255D or 13242H	Not available
IBM PCjr.	2225C	IBM Parallel Printer Attachment	92219K	IBM Parallel Printer Cable
	2225D	Built-in	92219P	Not available
IBM AT	2225C	IBM Serial/Parallel Adaptor	92219K	IBM Parallel Printer Cable
IBM AT	2225D	IBM Serial/Parallel Adaptor	Requires 2 cables: (1) 17255D or 13242H (Hewlett-Packard #s) and (2) IBM AT Serial Cable	

\*The HP85 also requires an HP 99985-1599 Plotter/Printer ROM. The HP85 does not require the 19833 cable if there are no other peripherals attached.

\*\*Requires software driver (DN 35177M from CSO)