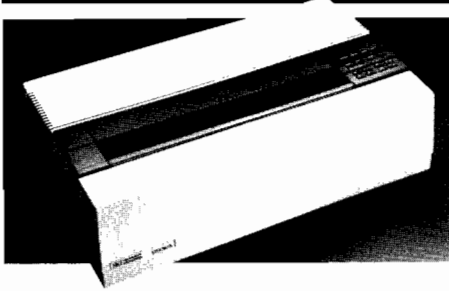


HEWLETT-PACKARD

HP 2932A General Purpose Printer



The HP 2932A 136-column impact printer offers fast, high-quality printing. Simplicity of operation, graphics capability, and a strong set of transaction and technical printing features allow the 2932A to meet single-user and distributed printing needs.

Paper Handling

The paper-saving last-form tearoff feature and practical front forms loading assure paper handling convenience and efficiency for all your printing applications.

You can produce labels, spreadsheets and multipart forms. Adjustable tractors add the convenience of continuous forms of widths up to 400 mm (15.75"). The straight paper path assures smooth movement of multipart forms of up to six parts.

Printing Flexibility

A comprehensive selection of print features and character sets, including ten resident languages, assure output as you require. Produce charts, graphs, illustrations, and tables. Use underlining and three different character pitches to highlight output. In any event, you'll get excellent print quality on all your printed material.

Features

- 200 cps impact printing
- Last-form tearoff
- Front paper loading
- Adjustable tractor-feed
- Straight paper path
- Uncomplicated feature selection via friendly control panel
 - Ten resident languages
 - Line drawing and math symbols
 - COURIER (serif) and CUBIC (sans serif) fonts
 - Selectable print pitches, line spacings, and margins
- High-quality graphics (via supported host software)
- Low maintenance

Benefits

- Provides fast, high-quality printing for forms, reports and memos.
- Saves paper—no need to waste a blank sheet to remove your printout.
- Allows you to load or change paper quickly and conveniently.
- Accommodates a variety of paper sizes.
- Paper and multipart forms advance reliably.
- You'll quickly learn how to operate and format the printer to suit a variety of tasks.
- Allows you to add illustrations and graphs to reports and memos.
- Reduces cost of ownership with long-life ribbon cartridges and user-replaceable print head.

Applications

- General Purpose Printer
The 2932A provides the print speed and forms handling required for general purpose printing.
- Remote System Printer
For users who wish to share a printer for output from the computer system, the 2932A can be interfaced directly to a central computer or via a modem. This offloads the busy system line printer and provides quick, easy access to hard copy.



HP Computer Museum
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Specifications

PRINT SPEED

200 characters per second
Bidirectional, optimized path

CHARACTER STRUCTURE

9x12 character cell

CHARACTER SETS

HP Roman8 character set includes
128 USASCII
(upper/lower case and control codes)
96 Roman Extension
(French, Spanish, German, Italian, United Kingdom, Norwegian/Danish, Swedish/Finnish, JASCII)
ISO 7-bit languages
Kana8 character set
128 JASCII
96 Katakana
64 Line Drawing character set
64 Math Symbols character set

GRAPHICS

90 x 90 dots per inch dot addressable raster graphics

PRINTING FORMAT

Print pitch (characters per inch)
16.36-Compressed
10.0-Normal
5.0-Expanded
Line length (characters per line)
223-Compressed
136-Normal
68-Expanded
Variable line spacing (lines per inch)
1, 2, 3, 4, 6, 8, or 12

FORMS HANDLING

Forms tractors
Last-form tearoff
(requires one inch top margin)
16 Channel vertical forms control
Programmable page and text length, margins, and tabs
Automatic perforation skip

FORMS REQUIREMENTS

Paper widths (edge to edge)
Maximum width: 400mm (15.75")
Minimum width: 57mm (2.25")
Paper weights
Single part: 15 to 100 pound (56-380 gm./sq. meter)
Multipart: 12 pound (46 gm./sq. meter), up to six total copies; 8 pound carbons (30 gm./sq. meter); .51 mm (.020") maximum pack thickness. All forms and card stock should be tested for satisfactory feeding, registration and print quality.

CONTROLS AND INDICATORS

Power on indicator
Paper out indicator
On line indicator/key
Modem indicator
Line and page advance keys

POWER REQUIREMENTS

Input voltage
100, 120, 220, 240 volts AC (+5%, -10%) selectable from rear panel; 47.5-66 Hz
Power consumption
120 VA maximum non-printing
300 VA maximum printing

INTERFACES

RS-232C V.24 Full Duplex (standard; see ordering information for additional options)
Serial Protocol
ENQ/ACK, X-on/X-off and printer busy
2K character buffer
Bell 103 and 212 type modem support
Receive rates selectable up to 9600 baud
Parity
25 Pin EIA RS-232C connector

ENVIRONMENTAL CONDITIONS

Temperature, free space ambient
0° to 55°C (32° to 131°F) operating
-40° to 75°C (-40° to 167°F) non-operating
Acoustics (per ISO DP7779 standard)
Sound power level-L_{WA}: 73dB(A)
Sound pressure level-L_{PA}: 63dB(A) (@ 1 meter bystander position)
Humidity
Top paper exit: 10% to 90% RH (non-condensing)
Rear paper exit: 10% to 70% RH (non-condensing)

PHYSICAL SPECIFICATIONS

365mm (14.37") D x 600mm (23.85") W x
185mm (7.28") H
20.4 kg (45 lbs.) net weight

PRODUCT CERTIFICATIONS

UL, CSA, IEC Compliance. FCC Class B certified per FCC Rules, Part 15, subpart J, when used with a Class B computing device.

PRINTING DUTY CYCLE

No duty cycle limitations.

Ordering Information

HP 2932A PRINTER

Standard unit includes:

RS-232C V.24 Interface, ribbon, all supported character sets, power cord, owners manual. Power supply voltage is user-configurable to 100, 120, 220, or 240 V. Interface options replace the standard interface. Only one option can be ordered. No cable is provided; it must be ordered separately.

Option Number	Interface
#035	RS-422
#042	Centronics-type Parallel
#046	HP-IB

Supplies and Accessories

92171G Paper catcher for table top
92214P Printer stand (includes cabinet, paper catcher and casters)
92154B Print head (customer-installable)
92155L Three ribbon pack

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.

Interface and Cable Requirements

SYSTEM SERIES MODEL	PRINTER INTERFACE	CABLE
Series 80	HP-IB	Included with 82937A HP-IB interface on host
Series 100	HP-IB (recommended) RS-232C	10833A, B, C, or Dt 13242G
Vectra PC	RS-232C Centronics HP-IB	24542G 24542D 10833A, B, C, or Dt
Series 200 Models 16, 26, 36	HP-IB	10833A, B, C, or Dt
HP 250/260*	RS-232C	8120-3258
HP 1000 A Series	HP-IB (recommended) RS-232C	Included with 12009A HP-IB interface with host 92219G
E, & F Series	RS-232C	92219G
HP 3000	RS-232C RS-422	92219G 13242P
HP 9000	HP-IB	10833A, B, C, or Dt
HP 239X Terminals	RS-232C Centronics	40242G 40242D
HP 262X Terminals All Models 2625A & 2628A	RS-232C (recommended) HP-IB (optional)	13242G 10833A, B, C, or Dt
HP 264X Terminals 2645A 2647F/A, 2648A	RS-232C HP-IB	13232G 10833A, B, C, or Dt

*Supported on B.06.00 release of HP250 operating system.

† B, C, or D cables vary by length.



For more information, call your local HP Sales Office. Or write to Hewlett-Packard: 1820 Embarcadero Road, Palo Alto, CA 94303.

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