

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 most of your single-user and distributed printing needs.

Paper Handling

You can produce multipart forms, wide spread sheets, or labels as you require. The 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.

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

Printing Flexibility

A comprehensive selection of print features and character sets, including ten resident languages, assure that you obtain output as you require. High resolution graphics and line drawing allow you to produce charts, graphs, illustrations, and tables. Underlining and three different character pitches allow you to highlight your output. In any event, you'll get excellent print quality on all your printed material.

Features:

- 200 cps dot matrix printing
 - 12-wire print head
 - High-density character formation
- Last-form tearoff
- Straight paper path
- Front paper loading
- Adjustable tractor-feed mechanism
- 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
- 90 x 90 dots-per-inch graphics
- Low maintenance

Benefits and Advantages:

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

Applications

- General Purpose Printer

The 2932A provides the print speed, forms handling, and quiet operation required for general purpose printing. The printer accommodates forms and spread sheets of widths up to 400 mm (15.75").
- Remote System Printer

In some applications, two or three terminal users may 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, offloading the busy system line printer and providing easy, quick access to hard copy.

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

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

Most supplies can be ordered via the HP Computer Users Catalog. For immediate price and availability information, in the U.S., dial, toll free, 800-538-8787. In California, Alaska, and Hawaii, call 408-738-4133; in West Germany, 07031-142829 or 223133; in the United Kingdom, 0734-792868 or 792959; in The Netherlands, 020-470639.

92171G Paper catcher
For table top.

92214P Printer stand
Includes cabinet, paper catcher and casters.

92154B Print head
Customer-installable print head has average life of 200 million characters.

92155L Three ribbon pack
Each ribbon cartridge provides an average life of 10 million characters.

Interface and Cable Requirements

SYSTEM SERIES MODEL	PRINTER INTERFACE	CABLE
Series 80	HP-IB	Included with 82937A HP-IB interface on host
Series 100 Touchscreen Touchscreen MAX	HP-IB* RS-232C	10833A, B, C or Dt 13242G
Series 200 Models 16, 26, 36	HP-IB	10833A, B, C, or Dt
HP 250***	HP-IB RS-232C	10833A, B, C, or Dt 8120-3258
HP 1000 A Series	HP-IB*	Included with 12009A HP-IB interface with host
	RS-232C	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 262X Terminals All Models 2625A & 2628A	RS-232 HP-IB*	13242G 10833A, B, C, or Dt
HP 264X Terminals 2645A 2647F/A, 2648A	RS-232 HP-IB	13232G 10833A, B, C, or Dt

* Recommended interface.

** Semi-restricted mode; user cannot access the following features over data communication line; RESET, ON-LINE/OFF LINE, SELF TEST, PAGE LENGTH, PROGRAMMABLE VFC, IDENTIFY REQUEST, PRIMARY STATUS, & MODE STATUS.

*** 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 Regional Office: East (301) 948-6370 • Midwest (312) 255-9800 • South (404) 955-1500 • West (213) 877-1281. Or write to Hewlett-Packard: U.S.A.—1820 Embarcadero Road, Palo Alto, CA 94303. Europe: P.O. Box 999, 1180 AZ Amstelveen, The Netherlands. Canada: 6877 Goreway Drive, Mississauga, L4V 1M8, Ontario. Japan: YHP Ltd., Ohashi 29-21 Takaido-Higashi 3-chome, Suginami-ku, Tokyo 168.

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