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# HP LaserJet Series II Desktop Office Printer

## Technical Data

### Features

- High-resolution text and graphics
- Prints up to eight pages per minute
- Memory expansion capability
- Selection of high quality fonts
- Extensive software support
- LaserJet PLUS printer compatibility
- Excellent paper handling and ease of use

The HP 33440A LaserJet Series II printer is designed for business and technical professionals who require a quick and quiet,

high-resolution printer. It is well suited for applications such as: general, technical, and legal word processing; spreadsheets; reports; forms; and desktop publishing.

### Publication-quality Printing

The LaserJet Series II printer prints at 300 x 300 dots-per-inch resolution, providing crisp, easy-to-read text and graphics. The SX engine design and toner composition ensure dense, even coverage throughout each page.

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### Publication-quality laser printing for the office

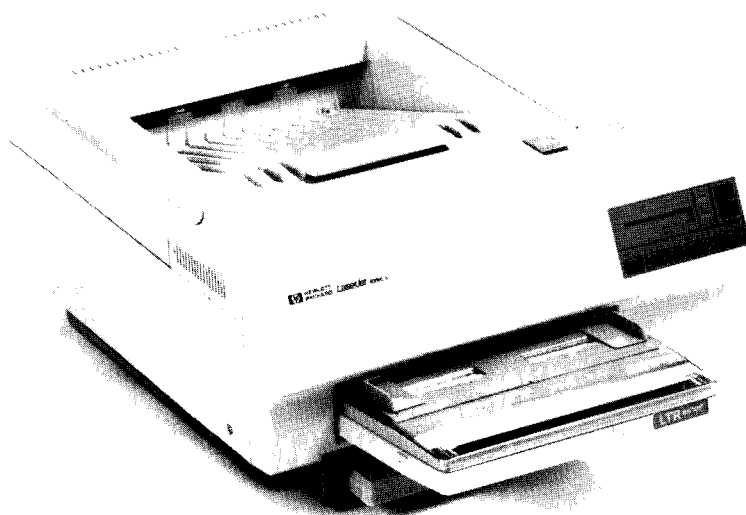
A wide selection of font cartridges, downloadable soft fonts and scaleable typefaces are available to complement the printer's built-in fonts and two font cartridge slots. Professional-looking documents can be produced in a wide variety of typefaces, styles, and point sizes.

### Extensive Software Support

With HP's industry-standard PCL printer language built into the printer, the LaserJet Series II printer works with most popular PC software packages. It is compatible with the same software, font cartridges, and soft fonts that work with the original LaserJet, LaserJet PLUS, and LaserJet 500 PLUS printers. The printer is equipped with a Centronics parallel interface and an RS-232-C/RS-422-A serial interface for compatibility with most PCs.

### Excellent Paper Handling

The LaserJet Series II printer holds 200 sheets of paper in a letter-, legal-, A4-, or executive (B5-) input tray, and stacks up to 100 sheets in the correct order in the output tray. The printer handles envelopes using the



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manual feed feature or an envelope tray accessory. Heavier paper (up to 35 lb), labels, and overhead transparencies can also be used.

## Easy to Use

The 16-character LCD control panel on the LaserJet Series II printer lets the user configure and customize the printing environment. For example, the number of copies, number of lines per page, type of interface, and primary font can be selected from the control panel.

The single component, easy-to-replace toner cartridge prints approximately 4000 pages of normal text. The print drum is part of each toner cartridge, keeping print quality high at a low printing cost (approximately three cents per page, excluding paper costs).

## Technical Information

### Printing Process

Dry type electrophotography

### Printing Speed

First page less than 16 seconds after receipt of data. Subsequent pages at 8 pages per minute — job throughput is application and system dependent.

### Warm-up Time

Less than 30 seconds from cold turn on.

### Text Resolution

300 x 300 dots-per-inch

### Graphics Resolution

75, 100, 150, or 300 dpi

### Printing Format

Print Orientation:

Portrait (printing across the width of the page)

Landscape (printing across the length of the page)

## Internal Fonts

	Courier Medium*	Courier Bold	Compressed Line Printer
Orientation	Portrait Landscape	Portrait Landscape	Portrait Landscape
Symbol Set**	Roman-8 IBM-US IBM-DN ECMA-94	Roman-8 IBM-US IBM-DN ECMA-94	Roman-8 IBM-US IBM-DN ECMA-94
Spacing	Fixed	Fixed	Fixed
Pitch	10 cpi	10 cpi	16.66 cpi
Point Size	12 point	12 point	8.5 point
Style	Upright	Upright	Upright
Stroke Weight	Medium	Bold	Medium
Typeface	Courier	Courier	Line Printer

\*The Courier Portrait (medium) font is the printer's factory default font. This font is used unless the user: selects another default using the control panel; sends a font selection command to request a font in place of the default; or installs a cartridge with a default font.

\*\*These additional symbol sets can be used with internal fonts: ISO 2, 4, 6, 10, 11, 14, 15, 16, 17, 21, 25, 57, 60, 61, 69, 84, 85, HP Spanish, and HP German. ISO denotes International Standards Organization symbol sets, primarily for use in Europe or for printing non-English characters.

## Paper Type

Single-sheet copier paper

**Note:** The LaserJet Series II printer is designed for use with high-quality copier bond paper. To obtain the clearest, sharpest images, paper manufactured for photocopiers such as Canon NP, Xerox 4024 or Gilbert Nue-Tech should be used. Most cotton bond paper also works well on the LaserJet Series II printer. The printer can accommodate a wide variety of special application paper, such as label stock; colored and pre-printed paper; and overhead transparency film designed for laser printers. It is

strongly recommended that all media be tested before purchasing. Consult the HP LaserJet Series II Paper Specifications Guide (P/N 5954-7339) for more information.

## Paper Weight

60 to 135 g/m<sup>2</sup> (16 to 35 lb)

## Paper Size

Letter (8½ x 11 in.)

Legal (8½ x 14 in.)

A4 (European) (210 x 297 mm)

Executive (7½ x 10½ in.)

**Note:** Best results will be obtained if paper is stored and used within the listed ranges.

Temperature: 17 to 23 degrees C (63 to 73 degrees F)

Relative Humidity: 40 to 50%

## Paper Handling

200-sheet input paper tray

Correct-order output through top output tray (100 sheets)

Reverse-order output through rear output tray (20 sheets)

Manual feed for envelopes, heavier paper stock, and odd size paper

Envelope input tray accessory also available

## Printable Surface (Portrait)

	Letter	Legal	A4	Exec.
<b>Width</b>				
inches	8.0	8.0	7.8	6.75
mm	203	203	198	171
<b>Length</b>				
inches	10.6	13.6	11.3	10.1
mm	269	345	287	257

## Control Panel

Buttons: on-line, continue/reset, print fonts/test, form feed, enter/reset menu, menu, +, -  
Indicators: ready, manual feed, on-line, form feed



### Interfaces

Centronics parallel,  
RS-232-C/RS-422-A serial  
(300-19.2 baud)

### Memory Size

512 Kbytes standard memory  
(395 Kbytes of user-accessible  
memory)

### Environmental Ranges

*Temperature (Printer and Toner  
Cartridge)*

Operating: 10 to 32.5 degrees C  
(50 to 91 degrees F)

Storage: 0 to 35 degrees C  
(32 to 95 degrees F)

### Altitude

Operating: 0 to 2500 m  
(0 to 8200 ft)

Storage: 0 to 15000 m  
(1 to 49200 ft)

### Humidity

Operating: 20 to 80% RH  
Storage: 10 to 80% RH

*Acoustics (average sound  
pressure measured at 1 m per  
ISO 7779)*

Printing:  
Maximum sound power level-  
Lwa: 6.3 bels(A)

Maximum sound pressure level-  
Lpa: 50 dB(A)

### Standby:

Maximum sound power level-  
Lwa: 5.3 bels(A)

Maximum sound pressure level-  
Lpa: 40 dB(A)

### Power Requirements

Note: Must select proper voltage  
from the following two options  
— units are not reconfigurable.

Source*	Frequency
100 to 115 volts	50/60 Hz
220 to 240 volts	50 Hz

\* +/-10%

Consumption at 155 VAC:  
Printing: 870 watts (maximum)  
Standby: 170 watts (nominal)

### Physical Specifications

Height: 22.8 cm (8.5 in.)  
Width: 45.4 cm (18.0 in.)  
Depth (body only): 48.2 cm  
(19.0 in.)  
Depth (with tray): 81.5 cm  
(24.5 in. all trays but legal  
27.0 in.)  
Net Weight: 22.4 kg (50.0 lb)

### Product Certifications

UL 478 listed; CSA 22.2 154  
Certified; complies with IEC 380  
and IEC 435; FCC level B; VDE  
0871B, VDE 0836, IEC-TC76 and  
VBG 93; BRH Certified Class 1  
Laser Product (safe for of-  
fice/EDP use).

### Estimated Typical Usage

Up to 5000 pages per month

**Note:** Estimated typical usage is  
offered as the recommended  
monthly volume to comfortably  
accommodate several users. It is  
given as a guideline for selecting  
the correct printer model. The  
warranty coverage and usage  
limit of the LaserJet Series II  
printer is 12000 pages per  
month.

### Interface and Cable Requirements

System	Interface	HP	
		Cable	Cable Length
HP Vectra (9-pin to 25-pin)	Serial	24542G	3.0 m (9.9 ft)
HP Vectra (25-pin to 25-pin)	Serial	17255D	1.2 m (3.9 ft)
HP Vectra	Parallel	24542D	2.0 m (6.6 ft)
HP 150	Serial	13242G	5.0 m (16.7 ft)
HP 150	Serial	92219H	5.0 m (16.7 ft)
HP 150	Parallel	13242D	2.0 m (6.6 ft)
IBM PS/2	Serial	17255D	1.2 m (3.9 ft)
Models 30,50,60	Parallel	24542D	2.0 m (6.6 ft)
Models 30,50,60			
IBM PC-AT	Serial	24542G	3.0 m (9.9 ft)
IBM PC-AT	Parallel	24542D	2.0 m (6.6 ft)
IBM PC, PC-XT	Serial	17255D	1.2 m (3.9 ft)
IBM PC, PC-XT	Parallel	24542D	2.0 m (6.6 ft)
COMPAQ DeskPro	Serial	17255D	1.2 m (4.0 ft)
COMPAQ DeskPro	Parallel	24542D	2.0 m (6.6 ft)
COMPAQ Portable	Serial	17255D	1.2 m (3.9 ft)
AT&T PC6300	Serial	17255D	1.2 m (3.9 ft)

### Cables for PCs Not Included in Configuration Notes

HP 110	Serial	92221P	1.5 m (5.0 ft)
DEC Rainbow 100	Serial	17355M	3.0 m (9.9 ft)

### Ordering Information

#### Standard Unit

33440A  
LaserJet Series II printer, in-  
cludes Getting Started Manual,  
User's Manual, Paper Specifica-  
tions Guide, 512 Kbyte RAM  
memory (up to 395 Kbyte user  
memory), Centronics parallel and  
RS-232-C/RS-422-A serial inter-  
faces, EP-S toner cartridge,  
200-sheet letter-size input paper  
tray and a power cord. (Cables  
for computer interfaces are not  
supplied.)

#### Accessories

##### Memory Boards

33443B	1 Mbyte memory board
33444B	2 Mbyte memory board
33445B	4 Mbyte memory board
88141A	JetScript Accessory Kit

##### Manuals

33440-90901*	LaserJet Series II User's Manual
33440-90904	LaserJet Series II Printer Service Manual
33440-90905	LaserJet Series II Technical Reference Manual
33440-90908*	LaserJet Series II Getting Started Manual

#### Supplies

##### Toner Cartridges

92295A	Black toner cartridge (EP-S)
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##### Paper Trays

92295B	Letter-size paper tray (8½ x 11 in.)
92295C	Legal-size paper tray (8½ x 14 in.)
92295D	A4-size paper tray (210 x 297 mm)
92295E	Executive-size paper tray (7¼ x 10½ in.)
92295R	Replacement top cover for 92295B, 92295D, and 92295E paper trays
92295S	Replacement top cover for 92295C paper tray
92295F	LaserJet Series II envelope tray (maximum of 15 envelopes)

##### Overhead Transparencies

92285J	50 sheets per box
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##### Labels (100 sheets per box)

92285K	1 x 2½ in. (33 per page)
92157K	1 x 2¾ in. (30 per page with border)
92285L	1¾ x 2¾ in. (24 per page)
92157N	1½ x 2¾ in. (21 per page with border)
92157P	2 x 4¼ in. (10 per page with border)
92285M	2¾ x 4¼ in. (8 per page)
92285W	8½ x 11 in. (1 per page)

\* Included with printer.

**Font Cartridges**

92286PC	ProCollection (ASCII & LEGAL)
C2053A #C01	WordPerfect
C2053A #C02	Microsoft®
C2053A #C03	Polished Worksheets
C2053A #C04	Persuasive Presentations
C2053A #C05	Forms, Etc.
C2053A #C06	Bar Codes & More
C2053A #C07	TextEquations
C2053A #C08	Global Text

**Soft Fonts†**

33412DA	Letter Gothic Family, 5/8 in. disk
33412DC	Presentations/Letter Gothic, 5/8 in. disk
33413DC	Presentations/Letter Gothic, 3/8 in. disk
33412EA	Prestige Elite Family, 5/8 in. disk

**Scaleable Typeface Products**

C2050A	#D01	CG Times typefaces, 5/8 in. and 3/8 in. disks
C2050A	#D02	Univers® typefaces, 5/8 in. and 3/8 in. disks
C2050A	#D03	Decorative 1 typefaces, 5/8 in. and 3/8 in. disks
C2050A	#D04	CG Triumvirate typefaces, 5/8 in. and 3/8 in. disks
C2050A	#D05	ITC Zapf Dingbats® typefaces, 5/8 in. and 3/8 in. disks
C2050A	#D06	CG Century Schoolbook typefaces, 5/8 in. and 3/8 in. disks
C2050A	#D07	ITC Lubalin Graph® typefaces, 5/8 in. and 3/8 in. disks
C2050A	#D08	ITC Avant Garde Gothic® typefaces, 5/8 in. and 3/8 in. disks
C2050A	#D09	Futura II® typefaces, 5/8 in. and 3/8 in. disks
C2050A	#D10	ITC Souvenir® typefaces, 5/8 in. and 3/8 in. disks
C2050A	#D11	Microstyle typefaces, 5/8 in. and 3/8 in. disks
C2050A	#D12	Univers Condensed typefaces, 5/8 in. and 3/8 in. disks
C2050A	#D13	ITC Benguiat® typefaces, 5/8 in. and 3/8 in. disks
C2050A	#D14	Garamond Antiqua typefaces, 5/8 in. and 3/8 in. disks
C2050A	#D15	ITC Bookman® typefaces, 5/8 in. and 3/8 in. disks
C2050A	#D16	CG Triumvirate Condensed typefaces, 5/8 in. and 3/8 in. disks
C2050A	#D17	CG Palacio typefaces, 5/8 in. and 3/8 in. disks
C2051A	#ABA	Type Director™, font management program, 5/8 in. and 3/8 in. disks (includes 2 typefaces)
C2052A	#ABA	Premier Collection, 3/8 in. disk
C2054A	#ABA	Premier Collection, 5/8 in. disk (Type Director program plus 12 typefaces)

**Note:** For font print samples and other font information, ask your HP Dealer or Sales Representative for the LaserJet Printer Supplies and Accessories brochure, part number 5956-4268.

†Soft fonts are licensed for use with up to three printers.

Printer supplies are available at authorized HP dealers or through HP's Direct Marketing Operation in the U.S. (800-538-8787); in California call (408) 738-4133 collect.

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