

# HEWLETT-PACKARD

## HP LaserJet Series II Desktop Office Printer

### Data Sheet

#### Features

##### Publication-quality laser printing for the office

- 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 requiring a quiet, high-resolution printer. It is well-suited for applications such as general, technical and legal word processing, spreadsheets, reports, forms, and desktop publishing. Printing at up to eight pages per minute, it can be used by one or several PC users and offers memory expansion capability to accommodate several users or more complex applications.

#### Publication-quality Printing

The LaserJet Series II printer prints at 300 × 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. A wide selection of font cartridges and downloadable soft fonts is available to complement the printer's built-in fonts and two font cartridge slots. Professional-looking documents can be produced in a 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 more than 700 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 B5-sized input tray, and stacks up to 100 sheets in the correct order in the output tray. The printer handles envelopes using the manual feed feature or an envelope tray accessory. Heavier paper (up to 35 lbs), 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 3 cents per page, excluding paper costs).

## Specifications

### 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 and Graphics

### Text Resolution

300 × 300 dots-per-inch

### Graphics Resolution

300 × 300 dots-per-inch

### Printing Format

Print Orientation:

Portrait (printing across the width of the page)

Landscape (printing across the length of the page)

### Internal Fonts

|               | <b>Courier Medium*</b>                 | <b>Courier Bold</b>                    | <b>Compressed Line Printer</b>         |
|---------------|--|--|--|
| Orientation   | Portrait<br>Landscape                  | Portrait<br>Landscape                  | Portrait<br>Landscape                  |
| Symbol Set**  | Roman-8<br>IBM-US<br>IBM-DN<br>ECMA-94 | Roman-8<br>IBM-US<br>IBM-DN<br>ECMA-94 | Roman-8<br>IBM-US<br>IBM-DN<br>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 you: select another default using the control panel; send a font selection command to request a font in place of the default; or a cartridge with a default font is installed.

\*\*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

### 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 or Xerox 4024 should be used. Most cotton bond paper also works well on the LaserJet Series II printer. The printer can also accommodate a wide variety of special application paper, such as label stock, colored and pre-printed paper, as well as overhead transparency film designed for laser printers. It is strongly recommended that all paper be tested before purchasing.

### Paper Weight

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

### Paper Size

Letter (8.5 × 11 in.)

Legal (8.5 × 14 in.)

A4 (European) (210 × 297 mm)

Executive (7.5 × 10.5 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 and 100-sheet output paper tray

Correct order output

Reverse order output through the face-up output paper tray only (20 sheet)

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

### Printable Surface (Portrait)

| Width  | Std. | Legal | A4   | Exec. |
|--------|------|-------|------|-------|
| inches | 8.0  | 8.0   | 7.8  | 6.75  |
| mm     | 203  | 203   | 198  | 171   |
| Length |      |       |      |       |
| 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

### Interfaces

Centronics Parallel, RS-232-C/422 (300-19.2 Kbytes baud)

### Buffer Size

395 Kbytes of user memory standard

## 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)

### Humidity

Operating: 20 to 80% RH

Storage: 10 to 80% RH

### Altitude

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

Storage: 0 to 15 000 m (1 to 49 200 ft)

### 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

Source: 100 to 115 volts, 220 to 240V (+10%, -10%)

Frequency: 50 or 60Hz

Consumption at 115VAC:

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 lbs)

## 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 office/EDP use).

## Estimated Typical Usage

Up to 5000 pages per month

## Interface and Cable Requirements

| System               | Interface | HP Cable    | Cable Length    |
|----------------------|-----------|-------------|-----------------|
| HP 110               | Serial    | 92221P      | 1.5 m (5.0 ft)  |
| HP 150               | Serial    | 17255D      | 1.0 m (3.3 ft)  |
| HP 150               | Serial    | 92219G      | 3.8 m (12.5 ft) |
| HP 150               | Serial    | 13242-60010 | 5.0 m (16.7 ft) |
| HP 150               | Parallel  | 13242D      | 2.0 m (6.6 ft)  |
| HP Vectra            | Serial    | 24542G      | 3.0 m (10.0 ft) |
| HP Vectra            | Parallel  | 24542D      | 2.0 m (6.6 ft)  |
| HP Vectra            | Parallel  | 92219K      | 2.7 m (9.0 ft)  |
| Apple IIe            | Serial    | 17355M      | 2.3 m (9.0 ft)  |
| DEC Rainbow          | Serial    | 17355M      | 2.3 m (9.0 ft)  |
| IBM PC, PC/XT        | Serial    | 92219J      | 5.0 m (16.0 ft) |
| IBM PC/XT, PC/AT     | Parallel  | 24542D      | 2.0 m (6.6 ft)  |
| IBM PC, PC/XT, PC/AT | Parallel  | 92219K      | 2.7 m (9.0 ft)  |

## Ordering Information

### Standard Unit

33440A LaserJet Series II printer, includes Getting Started Manual, User's Manual, 512K RAM memory (up to 395K user memory), Parallel & RS-232-C/422 interface, EP-S toner cartridge, 200-sheet letter-size input paper tray

### Accessories

33443A 1 Mbyte memory board  
33444A 2 Mbyte memory board  
33445A 4 Mbyte memory board  
92295A Black toner cartridge (EP-S)  
92295B Letter-size paper tray (8.5 × 11 in.)  
92295C Legal-size paper tray (8.5 × 14 in.)  
92295D A4-size paper tray (210 × 297 mm)  
92295E Executive-size paper tray (7.25 × 10.5 in.)  
92295R Replacement top cover for B, D, & E paper trays  
92295S Replacement top cover for C paper tray  
92295F LaserJet Series II envelope tray (maximum of 15 envelopes; available in the United States and Canada only)

### Supplies

#### Soft Fonts\*

33411AC Tms/Helv Base, ASCII, HP 150 format only  
33411AD Tms/Helv Base, Roman-8, HP 150 format only  
33411AE Tms/Helv Supp, ASCII, HP 150 format only  
33411AF Tms/Helv Supp, Roman-8, HP 150 format only  
33411DA Letter Gothic Family, HP 150 format only  
33411EA Prestige Elite Family, HP 150 format only  
33412AC Tms/Helv Base, ASCII, 5.25 in. disc  
33412AD\*\* Tms/Helv Base, Roman-8, 5.25 in. disc  
33412AE Tms/Helv Supp, ASCII, 5.25 in. disc  
33412AF\*\* Tms/Helv Supp, Roman-8, 5.25 in. disc  
33412DA\*\* Letter Gothic Family, 5.25 in. disc  
33412EA\*\* Prestige Elite Family, 5.25 in. disc  
33412RA ITC Garamond®, ASCII, 5.25 in. disc  
33412RB ITC Garamond, Roman-8, 5.25 in. disc  
33412SA Century Schoolbook®, ASCII, 5.25 in. disc  
33412SB Century Schoolbook, Roman-8, 5.25 in. disc  
33412TA Zapf Humanist™, ASCII, 5.25 in. disc  
33412TB Zapf Humanist, Roman-8, 5.25 in. disc  
33412UA Headline Typefaces™ 1, ASCII, 5.25 in. disc  
33412UB Headline Typefaces 1, Roman-8, 5.25 in. disc  
33412AG Helv Headlines, 5.25 in. disc  
33407B FontLoad™, 5.25 in. disc (utility)

**NOTE:** 33412AD and 33412AF also include the ASCII characters contained in 33412AC and 33412AE, respectively.

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

\*\*Also available with corporate license for use with up to 100 printers (option 100).

## Font Cartridges

|         |                       |
|---------|-----------------------|
| 92286A  | Courier               |
| 92286B  | Tms Proportional 1    |
| 92286C  | International 1       |
| 92286D  | Prestige Elite        |
| 92286E  | Letter Gothic         |
| 92286F  | Tms Proportional 2    |
| 92286G  | Legal Elite           |
| 92286H  | Legal Courier         |
| 92286J  | Math Elite            |
| 92286K  | Math TMS              |
| 92286L  | Courier P & L         |
| 92286M  | Prestige Elite P & L  |
| 92286N  | Letter Gothic P & L   |
| 92286P  | TmsRmn P & L          |
| 92286Q  | Memo 1                |
| 92286R  | Presentations 1       |
| 92286T  | Tax                   |
| 92286U  | Forms Portrait        |
| 92286V  | Forms Landscape       |
| 92286WI | Bar Code 3-of-9/OCR-A |
| 92286X  | EAN/UPC/OCR-B         |
| 92286Y  | Courier PC 1          |
| 92286Z  | Microsoft® 1A         |

LaserJet Series II and LaserJet 2000 printers only:

|         |                    |
|---------|--------------------|
| 92290S1 | Courier Document 1 |
| 92290S2 | Tms/Helv Report 1  |

**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 5956-4252.

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.

## Manuals

|             |   |
|-------------|---|
| 33440-90908 | LaserJet Series II Getting Started Manual     |
| 33440-90901 | LaserJet Series II User's Manual              |
| 33440-90905 | LaserJet Series II Technical Reference Manual |

In the U.S.A., call toll-free 1-800-752-0900 for the sales office or dealer nearest you. Outside the U.S.A., contact: **Canada** — 6877 Goreway Drive, Mississauga, Ontario, Canada, L4V 1M8. **Europe** — 150 Route du Nant-d'Avril, P.O. Box CH-1217 Meyrin 2, Geneva, Switzerland. **Japan** — Yokogawa-Hewlett-Packard Ltd., 29-21, Takaido-Higashi 3-chome, Sugunami-ku, Tokyo 168. **Australia/New Zealand** — 31-41 Joseph Street, Blackburn, Victoria 3130, Melbourne, Australia. **Far East** — 47/F China Resources Bldg., 26 Harbour Road, Wanchai, Hong Kong. **Latin America** — Monte Pelvux No. 111, Lomas de Chapultepec, 11000 Mexico D.F., Mexico. **Elsewhere in the world** — Hewlett-Packard Intercontinental, 3495 Deer Creek Road, Palo Alto, CA 94304, U.S.A.

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