



# Apple LaserWriter 12/640 PS

## Features

### Breakthrough print quality

- Offers 600- by 600-dpi resolution for sharp, clear printing
- Includes Apple's FinePrint and PhotoGrade\* technologies for enhanced text and graphics quality
- Offers optional duplex printing for professional-looking double-sided output\*
- Provides a choice of 64 scalable TrueType fonts for printing in any size and in a wide variety of styles

### High performance

- Comes with 4MB of RAM, expandable to 64MB using industry-standard 72-pin SIMMs
- Prints at a fast 12 pages per minute
- Provides impressive performance through its powerful RISC processor—the 30-MHz AMD 29040

### Compatibility

- Features built-in, all-ports-active LocalTalk, Ethernet, and bidirectional parallel interfaces, so it's easy to share your printer with others—including users of PCs running Windows
- Includes the Adobe PostScript Level 2 and PCL 5 page-description languages for compatibility with your applications

### Convenience

- Offers easy, single-button installation of printing software and fonts
- Supports flexible paper handling with a built-in 250-sheet universal cassette and 80-sheet multipurpose tray, which can handle a variety of media types and sizes
- Works with a number of easy-to-install printer options, which can be combined in various ways to further enhance paper-handling flexibility

\* Requires at least 12MB of RAM

The Apple LaserWriter 12/640 PS is a high-quality monochrome laser printer that provides outstanding results—and offers even more impressive paper-handling flexibility, including optional duplex (double-sided) printing. It's ideal for office desktop publishing use, whether your organization is involved in business, government, or education. And its networking compatibility makes it a natural for workgroups that use multiplatform local area networks or organizationwide "intranets."

Featuring an advanced laser printer engine, the Apple LaserWriter 12/640 PS can handle up to 12 pages per minute, at an impressive 600 dots per inch. Its built-in FinePrint technology and support for PhotoGrade enable this printer to provide crisp, clear text and superior-quality grayscale images. And the LaserWriter 12/640 PS can print on a wide range of media—from A4 paper to postcard stock, and even transparencies and labels—and on paper weights from 16 to 50 pounds.

Different organizations have different paper-handling needs—a fact that the Apple LaserWriter

12/640 PS was designed to accommodate through a number of printer options. There's a duplex-printing option, so you can get professional-looking double-sided output without resorting to a copy machine. In addition, there's a 500-sheet cassette and feeder for large jobs (or larger workgroups), envelope cassette that works with the 500-sheet feeder to handle a wide variety of envelopes (and even postcards), and a special face-up output tray (ideal for printing on transparencies, labels, postcards, envelopes, or heavier paper stocks because it reduces page curl).

Yet for all of its quality, performance, and flexibility, the LaserWriter 12/640 PS remains an economical laser printing solution—made even more affordable by this printer's outstanding networking capability, which enables flexible printer sharing on a wide variety of networks. It even comes with Adobe PostScript Level 2 and PCL 5—so no matter what type of computer and which applications you're using, if you choose the LaserWriter 12/640 PS, you and your colleagues can start printing high-quality output immediately.



Adobe PostScript



# Apple LaserWriter 12/640 PS

## Ordering Information

### Apple LaserWriter 12/640 PS

Order No. M4238LL/A

- Apple LaserWriter 12/640 PS
- LaserWriter 12/640 Accessory Kit, containing the following:

—Printer software for the Mac OS and Windows on CD-ROM

—Adobe ATM software for the Mac OS and Windows on CD-ROM

—Adobe Acrobat Reader software for the Mac OS and Windows on CD-ROM (USA only)

—Setup and user's guide

—Power cord

- LaserWriter 12/640 PS Toner Cartridge

### LaserWriter 12/640 PS Duplex

#### Printing Unit

Order No. M4697G/A

### LaserWriter 12/640 PS 500-Sheet

#### Cassette and Feeder

Order No. M4682G/A

### LaserWriter 12/640 PS Envelope

#### Cassette

Order No. M4680G/A

### LaserWriter 12/640 PS Face-up

#### Output Tray

Order No. M4698G/A

### LaserWriter 12/640 PS Toner Cartridge

Order No. M4683G/A

Product specifications are subject to change. Check with your Apple reseller for the most current information about product specifications and configurations.

## Technical Specifications

### Print engine and controller

- 30-MHz AMD 29040 RISC processor
- Engine life of 300,000 pages
- No monthly maximum duty cycle

### Print quality

- 600-dpi resolution
- FinePrint, Apple's resolution-enhancement technology
- PhotoGrade, Apple's graphic image-enhancement technology (requires at least 12MB of RAM)

### Memory

- 4MB of RAM standard (industry-standard 72-pin SIMMs)
- Expandable to 64MB with optional memory upgrades

### Interfaces

- LocalTalk port
- Bidirectional parallel port
- Ethernet port (supports EtherTalk, TCP/IP, and Novell NetWare IPX protocols)

### Print speed

- 12 pages per minute maximum (actual speed varies depending on images printed and computer used)

### Fonts

- 64 TrueType fonts (35 Adobe Type 1 fonts in ROM)

### Languages supported

- Adobe PostScript Level 2
- PCL 5

### Paper-handling capabilities

- 250-sheet built-in universal cassette
- 80-sheet multipurpose tray

### Paper-handling options

- Duplex-printing unit (requires at least 12MB of RAM)
- 500-sheet cassette and feeder
- Envelope cassette (requires 500-sheet cassette and feeder)
- Face-up output tray

### Print materials

- 16- to 50-lb. weight
- Paper: U.S. letter, U.S. legal, A4, A5, B5, C5, executive, Com-10, Monarch, DL, and postcard
- Most letterhead and colored stock, labels, and envelopes
- Medium-weight photocopier transparencies

### Power requirements

- U.S./Japan: 104 to 126 V, 58 to 62 Hz
- Europe/Australia: 198 to 264 V, 48 to 63 Hz

### Power consumption

- Continuous 12 ppm mode: 267 W average
- Standby mode: 15 W average

### Environmental requirements

- Temperature: 50° to 90° F (10° to 32° C)
- Humidity: 15% to 80% noncondensing
- Toner cartridge transit environment: 32° to 95° F (0° to 35° C)

### Size and weight

- Height: 9.25 in. (23.5 cm)
- Width: 15.94 in. (40.5 cm)
- Depth: 16.65 in. (42.3 cm)
- Weight: 26.5 lb. (12.0 kg)

### System requirements

- For the Mac OS, an Apple Macintosh, Power Macintosh, PowerBook, or other Mac OS-based personal computer with Macintosh system software version 7.1 or later, 8MB of RAM recommended, a CD-ROM drive\*, and a hard disk drive with 5MB of available space (for printer software and fonts)
- For Microsoft Windows 95, an IBM or IBM-compatible personal computer with an 80486 processor or later, 8MB of RAM, and a CD-ROM drive\*
- For Microsoft Windows 3.1 or later or Windows for Workgroups 3.11, an IBM or IBM-compatible personal computer with an 80386 processor or later, MS-DOS version 3.3 or later (version 5.0 or later recommended), 4MB of RAM, and a CD-ROM drive\* (Note: This printer can also be used with a system running MS-DOS without Windows.)

\* For systems without a CD-ROM drive, high-density 3.5-inch floppy disks containing the printer software are available on request.



Duplex-printing unit attaches easily for double-sided printing.



500-sheet cassette and feeder attaches quickly to handle large print jobs.



Envelope cassette works together with the 500-sheet cassette and feeder to print on a variety of envelopes and even postcards.



Face-up output tray reduces page curl for heavier paper stock or transparencies.

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