



Tech Info Library

LaserWriter 12/640 PS: Technical Specifications (11/96)

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TOPIC -----

This article contains the technical specifications for the LaserWriter 12/640 PS printer.

DISCUSSION -----

Technical Specifications

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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 deg. F (10 to 32 deg. C)
- Humidity: 15% to 80% noncondensing
- Toner cartridge transit environment: 32 to 95 deg. F (0 to 35 deg. 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

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- 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 (2), 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 (1) 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 (2)

Notes:

- (1) This printer can also be used with a system running MS-DOS without Windows.
- (2) For systems without a CD-ROM drive, high-density 3.5-inch floppy disks containing the printer software are available on request.

Ordering Information

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Begin_Table

Product	Apple Part Number
Apple LaserWriter 12/640 PS	M3977LL/A
+----- Includes the following Items -----+	
<ul style="list-style-type: none"> • Apple LaserWriter 12/640 PS • LaserWriter 12/640 Accessory Kit containing the following: <ul style="list-style-type: none"> - 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 Owner's Manual	030-7414 (avail as only service part)
LaserWriter 12/640 PS Duplex Printing Unit	M4697G/A
LaserWriter 12/640 PS 500-Sheet Cassette and Feeder	M4682G/A
LaserWriter 12/640 PS Envelope Cassette	M4680G/A
LaserWriter 12/640 PS Face-up Output Tray	M4698G/A

LaserWriter 12/640 PS Toner Cartridge	M4683G/A
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End_Table

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

Article Change History:

- 27 Nov 1996 - Corrected the retail part number of product.
- 16 Aug 1996 - Added manual part number to the table.

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