Apple LaserWriter 12/640 PS Plus

The Apple LaserWriter 12/640 PS Plus is a high-quality monochrome laser printer that provides outstanding results—and incorporates impressive paper-handling capabilities, including duplex (double-sided) printing, and a 500-sheet cassette and feeder for workgroups or bulk printing needs. It's ideal for desktop publishing use, whether your organization is involved in business, government, or education. And its networking compatibility makes it a natural for small workgroups or organizational intranets of Mac OS, Windows 3.1, Windows 95, or Windows NT users.

Featuring an advanced laser printer engine, the Apple LaserWriter 12/640 PS Plus 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 gray-scale images. And the LaserWriter 12/640 PS Plus can print on a wide range of media.

Apple understands that large organizations have demanding paper-handling needs, so we de-

signed the LaserWriter 12/640 PS Plus to incorporate duplex printing unit, for quick, easy professional-quality double-sided output. In addition, this printer comes with a 250-sheet cassette and 80-sheet multipurpose tray, which, in conjunction with its 500-sheet cassette and feeder, provide an impressive 830-sheet total capacity. There are even two additional paper-handling options: a cassette, 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 Plus remains an economical laser printing solution—made even more affordable by this printer's outstanding networking capability. 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 Plus, you and your colleagues can start printing high-quality output immediately.

Apple's Premier Monochrome Laser Printing Solution for Workgroups

Adobe PostScript

PHOTOGRADE

Apple LaserWriter 12/640 PS Plus

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

Memory
- 12MB of RAM installed
- Expandable to 64MB with industry-standard 72-pin SIMMs

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

Print speed
- 12 pages per minute maximum (actual speed varies depending on images printed and computer used)
- 8 pages per minute for duplex printing on letter-size paper

Fonts
- 65 TrueType fonts

Languages supported
- Adobe PostScript Level 2
- PCL 5

Standard paper-handling capabilities
- 250-sheet built-in universal cassette
- 80-sheet multipurpose tray
- Duplex Printing Unit
- 500-Sheet Cassette and Feeder

Paper-handling options
- 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: 100 to 115 V, 50 to 60 Hz
- Europe/Australia: 220 to 240 V, 50 Hz

Power consumption
- Operating mode: 120 W average
- Standby mode: <25 W

Environmental requirements
- Temperature: 50° to 90° F (10° to 32° C)
- Humidity: 20% to 80% noncondensing
- Toner cartridge transit environment: –4° to 104° F (–20° to 40° C)

Size and weight
- Height: 29.75 in. (75.6 cm)
- Width: 20.56 in. (52.2 cm)
- Depth: 32.4 in. (82.3 cm)
- Weight: 85 lb. (38.2 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, a CD-ROM drive[3], 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[3]
- 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[3]

(Note: This printer can also be used with a system running MS-DOS without Windows.)

Recommended Memory Configuration		
Printer RAM (Memory)	**Enabling Technologies**	**Paper-Handling**
At 12MB (Standard)	FinePrint (Standard) PhotoGrade[1] (Standard)	**Standard:** • 250-Sheet Cassette • 80-Sheet Multipurpose Tray • 500-Sheet Cassette and Feeder • Duplex Printing Unit **Options:** • Envelope Cassette • Face-up Output Tray
Additional 16MB (24MB total)	Gives you simultaneous use of PhotoGrade technology and duplex printing on supported paper sizes	

[1] Requires minimum 24MB of RAM for simultaneous use of duplex printing and PhotoGrade technology on supported paper sizes

[2] Some assembly required; no tools or special skills needed.

[3] For systems without a CD-ROM drive, high-density 3.5-inch floppy disks containing the printing software are available on request