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LaserWriter 16/600 PS: Specifications (9/95)

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TOPIC -----

This article provides the specifications for the Apple LaserWriter 16/600 PS printer.

DISCUSSION -----

Technical Specifications

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Print engine and controller:

True laser engine
25-MHz AMD 29030 RISC processor
80C186 I/O processor

Print Engine Duty Cycle:

5 years or 450,000 pages, with no monthly page limit. Recommended service interval is 200,000 pages due to wear on fuser and rollers.

Print quality:

600-dpi resolution
FinePrint, Apple's resolution-enhancement technology
Enhanced 600-dpi gray-scale imaging:
. - Standard (effective 106 lines/inch dithered halftone, 122 gray levels)
. - PhotoGrade, Apple's graphic image enhancement technology (requires an additional 4MB of RAM for a total of 12MB minimum)

Memory:

8MB of RAM standard
Expandable to 32MB with optional upgrades

Interfaces:

- Simultaneous connection to Ethernet, LocalTalk, and bidirectional

- . parallel interfaces
- Simultaneous support for AppleTalk, Novell NetWare IPX, and TCP/IP
- . networking protocols
- Internal and external SCSI ports for hard disk font storage

Print speed:

17 (A4 size) to 16 (letter size) pages per minute (actual speed varies depending on images printed and computer used)

Maximum print area:

The maximum printable area is the area of a certain size paper minus it's margins. The printable area for each size of paper will be affected by:

Top Margin (A), Left Margin (C), Right Margin (D) and Bottom Margin (B)

A=3.5mm B=5.0mm, C=3.5mm D=4.0mm

These margins apply to ALL the various sizes of paper listed below. Subtracting A, B, C and D from the paper size will yield the maximum printable area.

Paper Size	Metric (mm)
US Letter	216 x 279
US Legal	216 x 336
Executive	184 x 267
Comm 10 envelope	105 x 241
A4 Letter	210 x 297
B5 Letter	176 x 250

CAUTION:

The operator must use caution when printing from the multi-purpose or manual tray. Because the printer does not auto-regulate print size (as is the case when using a cassette), the operator must take care NOT to print outside the the above-listed margins. Otherwise, loose toner will be deposited in the excess toner collector, therefore reducing it's useful life.

Fonts:

Apple Font Library: 64 fonts total

- 29 fonts in ROM from the following font families:
 - . ITC Avant Garde Gothic, ITC Bookman, Courier, Helvetica,
 - . Helvetica Narrow, New Century Schoolbook, Palatino, Symbol,
 - . Times, ITC Zapf Chancery, and ITC Zapf Dingbats
- 35 fonts on Macintosh disk from the following font families:
 - . Chicago, Delphian, ITC Garamond Narrow, Geneva, Helvetica Black,
 - . Helvetica Compressed, Lubalin Graph, Lucida Bright, Machine,
 - . Monaco, Nadianne, New York, Old English Text, Onyz, Oxford, Swing,
 - . and Zeal

Prints any TrueType or PostScript fonts

Languages supported:

PostScript Level 2

PCL 5

Storage:

Optional internal 245MB hard disk drive

Paper Capacities:

Standard

. 100-sheet multipurpose tray (also holds up to 10 envelopes)

. 250-sheet letter cassette

Optional

. 500-sheet feeder (with universal cassette)

. Envelope feeder: up to 75 envelopes

Print Materials:

Media: 20- to 24-lb. (60 to 80 g/m) stock from cassette; up to 32-lb.

. stock (135g/m) manually

Paper: U.S. letter, U.S. legal, A4, A5, B5 Labels, envelopes, most

. textured stock, and transparencies

Envelopes: Common #10, Monarch, C5, and DL

Power Requirements:

U.S. domestic and Japanese versions: 90-100 VAC, 48-52 Hz, 58-62 Hz (Japan)

103.5-126.5 VAC, 58-62 Hz (US)

European version: 198-264 VAC, 48-52 Hz

Power Consumption:

Operating mode: 390 W (max average)

Standby mode: 125 W (max average)

Energy-saving mode: 26 W

Environmental Requirements

Temperature: 50 to 90 degrees F (10 to 32 degrees C)

Humidity: 20% to 80% noncondensing

Toner cartridge transit environment: -4 to 104 degrees F

. (-20 to 40 degrees C)

Size and Weight:

Height: 12.1-in. (30.7 cm)

Width: 16.7-in. (42.4 cm)

Depth: 16.9-in. (42.9 cm)

Weight: 40.0-lb. (18.0 kg)

System Requirements

One of the following personal computers:

- An Apple Macintosh computer with system software version 7.1 or . later and at least 4MB of RAM. QuickDraw GX is also supported.

- An IBM or IBM-compatible computer with Microsoft Windows versions . 3.1 or later and at least 2MB of RAM (4MB recommended), or . MS-DOS version 3.3 or later and at least 640K of RAM.

Ordering Information

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M2471LL/A

Apple LaserWriter 16/600 PS
Toner cartridge
User's guide
Limited warranty

Options and accessories

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- LaserWriter Toner Cartridge M2473G/A
 - LaserWriter 16/600 PS 500-Sheet Feeder (supports letter, legal, A4, B5 paper) Includes 500-sheet universal cassette. M2650G/A
 - LaserWriter 16/600 PS Envelope Feeder (capacity for 75 envelopes) M2649G/A
 - LaserWriter 500-Sheet Universal Cassette (supports letter, legal, A4, B5 paper) M5862G/A
 - LaserWriter 250-Sheet Universal Cassette (supports letter, legal, A4, B5 paper) M6525G/A
 - LaserWriter 16/600 PS Fax Card (U.S.) M3298LL/A
 - LaserWriter 16/600 PS Fax Kit (International) M3620*/A
 - LaserWriter 16/600 PS 245MB Internal Hard Disk Drive M3297G/A
 - Macintosh 4MB Memory Expansion Kit (1-4MB SIMM) M1507LL/A
 - Apple Ethernet Thin Coax Transceiver (cable not included) M0329Z/B
 - Apple Ethernet AUI Adapter M0432LL/A
 - Apple Ethernet Twisted-Pair Transceiver M0437Z/B

Article Change History:

- 01 Sep 1995 - Added country to electrical specifications.
- 12 Apr 1995 - Added printable area.
- 26 Jan 1995 - Added duty cycle.

Support Information Services

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