Tech Info Library

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

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Revised:        9/1/95
Security:       Everyone
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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:
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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:

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


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


Maximum print area:
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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)
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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:
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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
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- 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)

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Size and Weight:
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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
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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
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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.
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Support Information Services

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