



Tech Info Library

Personal LaserWriter 300: Specifications (1/96)

Revised: 1/16/96
Security: Everyone

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Article Created: 14 June 1993
Article Reviewed/Updated: 16 January 1996

TOPIC-----

This article gives the technical specifications for the Apple Personal LaserWriter 300.

DISCUSSION -----

Marking engine

Canon engine

Controller

Application-Specific Integrated Circuit (ASIC) controller

Print Quality

300 dpi for text and graphics

Speed

4 pages per minute maximum. Actual speed depends on the images being printed and the computer being used.

System requirements

- Any Apple Macintosh personal computer with at least 1 MB of RAM and a hard disk drive
- System software version 6.0.7 or later
- Recommended: 4 MB of RAM or more with System software version 7 or later

Memory

512KB of RAM (no memory upgrades available)

Interfaces

8-pin serial port @ 769 Kbits/second, externally clocked

Imageable Area (Minimum Margins)

Maximum printable line: 208 mm (8.19 in.)

Minimum top margin: 3.6 mm (0.14 in.)

Minimum bottom margin: 6.35 mm (0.25 in.)

Minimum left margin: 3.2 mm (0.12 in.)

Minimum right margin: 5.3 mm (0.20 in.)

Actual imageable area may vary depending on the application program.
The printer senses the cassette size and adjusts to maintain these margins.

Paper Sizes

Width: Minimum - 90mm (3.54 in) Maximum - 216mm (8.5 in)

Length: Minimum - 188mm (7.40 in) Maximum - 356mm (14.0 in)

Fonts

39 TrueType fonts from the following font families: Helvetica (4 typefaces), Times (4 typefaces), Courier (4 typefaces), Chicago, Geneva, Symbol, New York, Monaco, Bookman (4 typefaces), Avant Garde (4 typefaces), Palatino (4 typefaces), Zapf Chancery, Zapf Dingbats, Helvetica Narrow (4 typefaces), New Century Schoolbook (4 typefaces)

Dimensions

Height: 16.1 cm (6.3")

Width: 38.5 cm (15.2")

Depth (paper tray closed): 37.9 cm (14.9")

Weight

Approximately 15.4 pounds (7 kg)

Recommended Duty Cycle

8,000 copies per month

Toner Cartridge Life

3,000 pages at 4% coverage

Operating Environment

Temperature: 10 to 33 deg. C (50 to 90 deg. F)

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Humidity: 20% to 80%, noncondensing

Toner cartridge transit environment: -20 to 40 deg. C (-4 to 104 deg. F)

Input Electrical Requirements

U.S./Japan: 100 -115 V (+ or - 10%), 50-60 Hz (+ or - 2 Hz)

Europe/Australia: 220-240 V (+ or - 10%), 50 Hz (+ or - 2 Hz)

Power Consumption

Standby: 5 watt hours maximum

Printing: 120 watts average at 115 V

360 watts maximum at 220 V (operating)

Paper Capacity

100-sheet universal cassette

Single sheet manual feed tray

Media Size

Universal cassette feed - Letter, Legal, A4, B5, Executive

Manual feed - Envelope - Legal (single sheet)

Print Materials

Universal cassette feed

- Type: Plain paper

- Weight: 16 - 24 lb.

Manual feed

- Type: Plain, transparency, label, envelope

- Weight: Paper - 16 - 28 lb,

- Weight: Envelope - 28 lb. maximum

Media Output

Single output tray

Capacity - 100 sheets face down

Article Change History:

16 Jan 1996 - Added System requirements.

20 Mar 1995 - Added paper sizes.

Support Information Services

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Tech Info Library Article Number:12300