



Tech Info Library

Personal LaserWriter NT: Specifications (Discontinued)

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Security: Everyone

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TOPIC -----

This article gives technical specifications for the Personal LaserWriter NT.

DISCUSSION -----

Marking Engine

- Canon LBP-LX laser xerographic

Controller

- The LaserWriter controller hardware contains a 12MHz 68000 CPU, 1.25MB of ROM, 2MB of RAM, LocalTalk interface, and RS-232-C serial interface

Print Quality

- 300 dots per inch for text and graphics

Built-in Font Families

- ITC Avant Garde Gothic, ITC Bookman, Courier, Helvetica, Helvetica Narrow, New Century Schoolbook, Palatino, Symbol, Times, ITC Zapf Chancery, ITC Zapf Dingbats, and IBM PC Graphics Extended Character Set (ECS)

Support for Additional Fonts

- Any PostScript font from a variety of suppliers

Speed

- Four pages per minute maximum (actual speed depends on the images printed)

Interfaces

- LocalTalk, RS-232-C, and RS-422

Printing Protocols

- PostScript, HP LaserJet Plus, and a subset of the Diablo 630 command set

Recommended Duty Cycle

- Toner cartridge: 3,500 pages
- Printer: minimum 150,000 pages, with no monthly page limit

Paper Feed

- Input
 - Automatic with paper cassette
 - Automatic or manual with multipurpose tray
- Output
 - Face down or face up options

Print Materials

- Media: Apple recommends 20-lb. photocopy or typewriter bond (75 g/m²), though the printer also accepts 16-lb. (60 g/m²) to 28-lb. (105 t/m²) paper. For best results, use envelopes that are recommended for laser printers.
- Sizes
 - Paper: U.S. letter, U.S. legal, A4, B5 (Japanese Industry Standard)
 - Envelopes: minimum 3.5 x 7 inches (86 x 178mm); maximum 7.4 x 10.5 inches (188 x 267mm)

Paper Capacities

- Paper cassette: 250 sheets of 20-lb. (75 g/m²) paper
- Multipurpose tray: up to 50 sheets of paper or 5 envelopes
- Optional envelope cassette: 15 envelopes (To print envelopes, you can use the multipurpose tray with automatic or manual feed, or the optional envelope cassette. To print labels, use the multipurpose tray using manual feed.)

Printable Surface

- Maximum printable line: 8.1 inches (205.9mm)
- Minimum top and bottom margins: 0.235 inches (6.0mm)
- Minimum left margin: 0.197 inches (5.0mm)
- Minimum right margin: 0.197 inches (5.0mm)
(The actual printable area may vary depending on the application.)

Emulation

- HP LaserJet Plus and Diablo 630

Size and Weight

- Height: 9.8 inches (24.8cm)
- Width: 15 inches (38cm)
- Depth with letter-size cassette: 18.3 inches (46.4 cm)
- Weight: 32 lb. (15 kg)

Operating Environment

- Temperature: 50 to 90 F (10 to 32 C)
- Humidity: 20 to 80 percent
- Toner cartridge transit environment:
-4 degrees F to +104 degrees F (-20 degrees C to +40 degrees C)

Power Requirements

- U.S./Japan: 100 to 115 volts AC, 50 to 60 hertz
- Europe/Australia: 220 to 240 volts AC, 50 to 60 hertz

Power Consumption

- 600 watts maximum at 115 volts
- 550 watts maximum at 220 volts

System Requirements

To use the Personal LaserWriter NT, you'll need one of these systems:

- One or more Macintosh (minimum 512K of RAM) or Apple IIGS computers connected via the LocalTalk cabling system
- One or more Apple IIe computers equipped with an Apple II Workstation Card and connected via the LocalTalk cabling system
- An MS-DOS or OS/2 computer with a LocalTalk PC Card or an RS-232-C cable and appropriate software
- Any other computer with an RS-232-C cable and appropriate software

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