



# Tech Info Library

## LaserWriter IIf: Specifications (Discontinued)

Article Created: 1 October 1991

Article Reviewed/Updated: 06 April 1995

TOPIC -----

This article gives the technical specifications for the LaserWriter IIf.

DISCUSSION -----

### Marking Engine

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- Canon LBP-SX laser

### Controller

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- 20MHz 68030 CPU, ASICs, and I/O processors
- Optional upgrade for LaserWriter IISC, IINT, and IINTX

### Memory

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- 2MB RAM, up to 32MB (increased to 4 MB in 1992)
- 2MB ROM

### Print Quality

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- 300 dpi enhanced with FinePrint
- Optional PhotoGrade for high-quality scanned images by upgrading to 5MB RAM

### Fonts

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- ITC Avant Garde Gothic, ITC Bookman, Courier, Helvetica, Helvetica Narrow, New Century Schoolbook, Palatino, Symbol, Times, ITC Zapf Chancery, and ITC Zapf Dingbats
- Supports any TrueType or PostScript fonts

### Speed

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- Eight pages per minute maximum

### Interfaces

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- RS-422/423 (8-pin circular miniDIN)
- RS-232C (25-pin D shell connector)
- Simultaneous connection to LocalTalk, RS-232, RS-422
- SCSI to attach an external hard disk for font storage

#### Recommended Duty Cycle

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- Toner cartridge - 4,000 pages at 5% density
- Printer - minimum 300,000 pages (equivalent to printing 200 pages a day, 5 days a week, 52 weeks a year, for more than 5 years)

#### Print Materials

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- Media
  - Apple recommends 16- to 20-lb. photocopy or typewriter bond [60 to 80 g/m(to the 2nd power)] in normal mode; up to 36-lb. [135 g/m (to the 2nd power)] in manual mode with face-up tray open.
  - Most textured and colored stock
  - Labels, envelopes, and transparencies
- Sizes
  - Paper: U.S. letter, U.S. legal, A4, B5
  - Envelopes: minimum 3.5 x 7 inches (86 x 178mm);  
maximum 7.4 x 10.5 inches (188 x 267mm)

#### Capacities

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- Paper cassette
  - 200 sheets of 20-lb. [75 g/m (to the 2nd power)] paper
  - Optional envelope cassette: 15 envelopes
  - Manual feed with single sheet feeder

#### Printable Surface

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- Maximum printable line: 8.1 in. (205.9 mm)
- Minimum top and bottom margins: .197 in. (5.1 mm)
- Minimum left margin: .197 in. (5.1 mm)
- Minimum right margin: .197 in (5.1 mm)

The actual printable area may vary depending on the application and amount of RAM installed.)

#### Size and Weight

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- Height: 8.6 inches (21.8 cm)
- Depth: 18.5 inches (47.5 cm)
- Weight: 45.0 lb. (20.3 kg)
- Width: 20.0 inches (50.8 cm)
- Width with letter-size cassette: 26.4 in. (67 cm)

#### Power Requirements

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- U.S./Japan: 90 to 126 volts AC, 50 to 60 hertz
- Europe/Australia: 198 to 264 volts AC, 50 hertz

Power Consumption

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- Standby: 170 watts average
  - Operating: 900 watts maximum at 115 volts  
780 watts maximum at 220 volts  
880 watts maximum at 240 volts

Operating Environment

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- Temperature: 50 to 90 degrees F (10 to 32 degrees C)
  - Humidity: 20% to 80%

Page Description Language

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- Adobe PostScript Level 2

Emulation

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- HP PCL4+ (emulates HP LaserJet IIP)

Article Change History:

06 Apr 1995 - Noted that standard memory level was increased.

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Keywords: specsht

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19960215 11:05:19.00

Tech Info Library Article Number: 8912