LaserWriter IIf

For those who want high-performance laser printing at an extremely attractive price, the Apple LaserWriter IIf combines both in a rugged, expandable printer that's ideal for demanding work group environments.

You can expect consistently superior printed results from the LaserWriter IIf, thanks to Apple's proprietary FinePrint technology that smooths the jagged edges characteristic of many laser-printed documents. And later on, if you want to print documents that include very high-quality scanned images and graphics, you can easily upgrade the LaserWriter IIf with Apple's revolutionary PhotoGrade capabilities by simply increasing RAM to 5 megabytes. PhotoGrade allows you to print images with more than 65 levels of gray—over seven times the number of grays that ordinary 300 dpi laser printers are capable of generating.

To serve the needs of a work group, the LaserWriter IIf comes with built-in LocalTalk networking capabilities that offer plug-and-play simplicity when you connect to an AppleTalk network system. For maximum flexibility, this printer also is designed so you can simultaneously connect multiple kinds of networks and computers. There's no need to manually reconfigure the printer to receive data through a particular port.

With the LaserWriter IIf, you'll also see documents print faster—up to two times faster than with the LaserWriter IINTX—because it incorporates a high-speed controller and Adobe's PostScript Level 2 software. This newest generation of the PostScript language improves printing speed, adds new capabilities, and is fully compatible with existing applications and drivers.

LaserWriter IIf Features

Print quality
> 300 dot-per-inch (dpi) resolution enhanced with FinePrint for text and line art.
> Optional PhotoGrade for printing high-quality scanned images, illustrations, and graphics by simply increasing RAM to 5 megabytes

Power and speed
> 20 MHz 68030 microprocessor, plus ASICs and I/O processors; processes documents up to two times faster than the LaserWriter IINTX.

Memory
> 2 megabytes of RAM, upgradable to 32 megabytes for complex images and additional fonts

Compatibility
> Simultaneous connection to LocalTalk and serial interfaces
> Simultaneous connection to multiple types of computers or networks
> Adobe PostScript Level 2 software and HP LaserJet IIP (PCL4+) emulation

LaserWriter IIf

Technical Specifications

Marking engine
> Canon LBP-SX laser

Controller
> 20 MHz 68030 CPU, ASICs and I/O processors
> Optional upgrade for LaserWriter II SC, IINT, IINX

Memory
> 2 megabytes of RAM, up to 32 megabytes
> 2 megabytes of ROM

Print quality
> 300 dpi enhanced with FinePrint
> Optional PhotoGrade for high-quality scanned images by upgrading to 5 megabytes of RAM

FINE PRINT QUALITY

300-DPI QUALITY

Fonts
> 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
> Eight pages per minute maximum

Interfaces
> Simultaneous connection to LocalTalk, RS-232 RS-422
> SCSI to attach an external hard disk for font storage

Recommended duty cycle
> 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
> Media
-- Apple recommends 16- to 20-lb. photocopy or typewriter bond (60 to 80 g/m^2) in normal mode; up to 36-lb. (135 g/m^2) 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
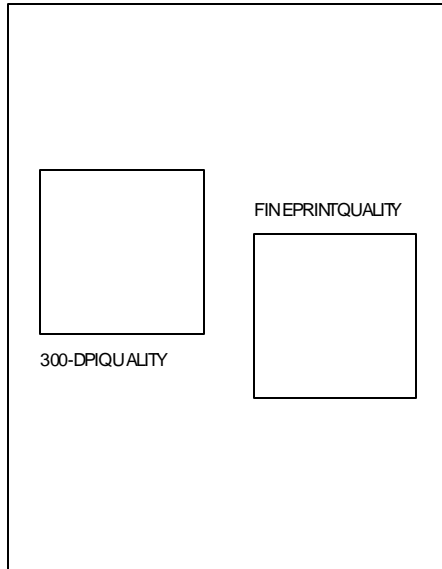-- Envelopes: minimum 3.5∞7 in. (86∞178 mm); maximum 7.4∞10.5 in. (188∞267 mm)

Paper capacities
> Paper cassette: 200 sheets of 20-lb. (75g/m^2) paper
> Optional envelope cassette: 15 envelopes
> Manual feed with single sheet feeder

Printable surface
> Maximum printable line: 8.1 in. (205.9mm)
> Minimum top and bottom margins: .197 in. (5.1mm)
> Minimum left margin: .197 in. (5.1mm)
> Minimum right margin: .197 in. (5.1mm) (The actual printable area may vary depending on the application and amount of RAM installed.)

Size and weight
> Height: 8.6 in. (21.8cm)
> Width: 20 in. (50.8cm)
> Width with letter-size cassette: 26.4 in. (67cm)
> Depth: 18.5 in. (47.5cm)
> Weight: 45 lb. (20.3kg)

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

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

Ordering Information

Apple LaserWriter IIf
Order No. B0262LL/A (USA 110V)
> Apple LaserWriter IIf printer
> Toner cartridge
> Letter cassette
> Installation and font disks
> Power cord
> Owner's Guide
> The Basic Elements of Design guide
> Limited warranty statement

Apple LaserWriter II Toner Cartridge
Order No. M6002

Apple LaserWriter II Letter Cassette
Order No. M0137

Macintosh IIci/IIsi 4MB Memory Expansion Kit
(used to upgrade for PhotoGrade capabilities)
Order No. M0292LL/A

Apple LaserWriter II Legal Cassette
Order No. M0139

Apple LaserWriter II Envelope Cassette
Order No. M0141

Apple LaserWriter II B5 Cassette
Order No. M0140

Apple LaserWriter II A4 Cassette
Order No. M0138

Apple LaserWriter IIf Controller Card
(to upgrade LaserWriter II SC, IINT, IINX)
Order No. M6501LL/A