



Tech Info Library

LaserWriter Pro 810: Specifications (4/94)

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Topic -----

This article gives the technical specifications for the Laserwriter Pro 810.

Discussion -----

Print engine

- Fuji Xerox XP 20 laser xerographic

Print quality

- 400 dot-per-inch native engine resolution with controller technology allowing 600 and 800 dot-per-inch resolutions
- 300-dot-per-inch available in PCL mode
- 64 scalable fonts for printing a wide range of styles and sizes

Speed

- 20 page-per-minute maximum print speed. Actual speed depends on the image complexity

Controller

- Weitek 7.25 MHz 8200 RISC processor

Printer Memory

- 8 MB of RAM standard, expandable to 32 via 4 MB and 8 MB expansion kits
- 8MB required for 800-dpi letter size
- 12MB required for 800-dpi legal size
- 16MB required for 800-dpi tabloid size

Fonts

- 64 TrueType fonts on disks from the following font families:
Avant Garde, Bookman, Chicago, Courier, Geneva, Helvetica,
Helvetica Narrow, Monaco, New Century Schoolbook, New York,

Palatino, Symbol, Times, Zapf Chancery, and Zapf Dingbats

- 35 PostScript Type 1 fonts in ROM
- 33 scalable fonts for PCL mode

Imageable Area

- Minimum top and bottom margin: .2 inches (5 mm)
- Minimum left and right margin: .2 inches (5 mm)

Interfaces

- LocalTalk: standard
- RS 232 serial: standard
- Ethernet: thin wire or twisted pair
- External SCSI port

Dimensions

- Height: 19.2 inches (48.7 cm)
- Width: 20.4 inches (51.9 cm)
- Depth: 16.1 inches (41 cm)

Weight

- 81 pounds (37 kg)

Recommended duty cycle

- 600,000 pages minimum
- Toner cartridge: 11,000 pages at 5% density

Operating environment

- Temperature: 50° to 93°F (10° to 35°C)
- Humidity: 15% to 85%, noncondensing

Storage environment

engine:

- Temperature: -4° to 131°F (-20° to 55°C)
- Humidity: 15% to 85%, noncondensing

EP cartridge

- Temperature: 32° to 95° F (0° to 35°C)
- Humidity: 35% to 85%, noncondensing

Power requirements

- U.S./Japan: 100 -115 VAC ($\pm 10\%$), 50-60 Hz (± 2 Hz)
- Europe/Australia: 220-240 V ($\pm 10\%$), 50 Hz (± 2 Hz)

Power consumption

- 850 W maximum at 115 or 220 VAC

Paper handling capacity

- Three Universal cassettes standard
 - Capacity: 250 sheets
 - Type: Plain, transparency, label
 - Weight: 16 - 28 pound
 - Supports: Letter (8.5"x 11"), Legal (8.5"x 14"), Ledger (11"x17"), A3 (297mm x 420mm), A4 (210mm x 297mm), B4 (257mm x 364mm), B5 (257mm x 182mm)
- Manual Feed
 - Tray Capacity: 1 sheet
 - Type: Plain, transparency, label, envelope
 - Weight: Paper, 16 - 50.7 pound
 - Envelope: 28 pound maximum
 - Supports: Letter (8.5"x 11"), Legal (8.5"x 14"), Executive (7.25"x 10.5"), Invoice (5.5" x 8.5"), A4 (210mm x 297mm), A5 (210mm x 148mm), Monarch (3.875" x 7.5"), Comm 10 (4.125"x 9.5"), Folio (210mm x 330mm), B4 (257mm x 364mm), B5 (257mm x 182mm)
- Automated Media Feeder (optional)
 - Capacity: 100 sheets, 15 envelopes
 - Type: plain, transparency, label, envelope, post card
 - Weight: paper, 16 - 36 pound
 - Envelope: 28 pound maximum
- Optional cassettes: Executive and folio

Envelope sizes supported

- Monarch (3.875" x 7.5")
- Comm 10 (4.125"x 9.5")
- International DL (110mm x 220mm)
- International C5 (162mm x 229mm)

Media output

- Standard face down output tray - 250 sheet capacity
- Optional face up output tray - 50 sheet capacity

Network management

- Supports SNMP, allowing the printer to be recognized as a network element and managed by system administrators
- Features Remote Console Facility (RCF), allowing network managers in TCP/IP, NetWare, and LAT environments to recognize, diagnose, and manage the printer

Internal Adobe PostScript fax cartridge option

- Send and receive capabilities
- Adobe PostScript fax compatible
- Group 3 fax compatible
- Prints up to 800 dpi PostScript faxes on plain paper

Ordering Information

Apple LaserWriter Pro 810 (U.S.)

Twisted-pair Ethernet version

Order No. B1322LL/A

- Apple LaserWriter Pro 810 printer
- Toner cartridge
- LaserWriter Pro Accessory Kit: Installation software and fonts disk set, User's Guide, power cable, limited warranty statement

Thin-wire Ethernet version

Order No. B1321LL/A (includes bulleted items above)

Toner Cartridge

Order No. M1853G/A

PostScript Fax Cartridge

(U.S. and Canada availability only)

Order No. M1772LL/A

4MB Memory Expansion Card

Order No. M1442G/A

8MB Memory Expansion Card

Order No. M1443G/A

Automated Media Feeder

Order No. M1763G/A

Universal Cassette

Order No. M1857G/A

Executive Cassette

Order No. M1851G/A

Folio Cassette

Order No. M1854G/A

Article Change History:

11 April 1994 - Added speed of processor to specifications.

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