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Personal LaserWriter NTR: Specs (Discontinued 9/93)

Revised: 9/13/93
Security: Everyone

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Article Created: 23 March 1992
Article Reviewed/Updated: 10 September 1993

TOPIC -----

This article gives technical specifications for the Personal LaserWriter NTR.

DISCUSSION -----

Marking Engine

- Canon LBP-LX laser-xerographic

Controller

- AMD29005 16 MHz CPU

Memory

- 3MB ROM
- 3MB RAM (standard 72-pin, 80ns SIMMs, CAS before RAS), upgradable to 4 MB

Throughput

- 4 pages per minute

Page Description Language

- Adobe PostScript Level 2

Emulation

- HP PCL 4 (emulates HP LaserJet IIP)

Print Resolution

- 300 dots per inch

Interfaces

- RS-422/423 8-pin circular mini DIN
- RS-232C 25-pin 'D' shell connector
- Centronics 36-pin (parallel)

Recommended Duty Cycle

- Minimum 150,000 pages, with no monthly page limit (equivalent to 200 pages/day, 5 days/week for 5+ years).

Paper Feed

- Manual or automatic with the multipurpose tray (70 sheets or 7 envelopes).
- Optional 250-sheet automatic feed paper cassette

Print Materials

- Media
Apple recommends 20-lb (75g/m2) photocopy or typewriter bond in normal mode. You can use 16-lb (60g/m2) to 28-lb (105g/m2) paper. Accepts medium weight photocopier transparencies. Envelopes can be fed through the multi-purpose tray or from the optional envelope cassette.
- Sizes
- Paper: U.S. letter, U.S. legal, A4, B5 cassettes - each cassette holds 250 sheets of 20 (75g/m2) lb paper.
- Envelopes: Envelope cassette holds 15 envelopes. Use envelopes between the following sizes:
- minimum 3.8 x 7.25 inch (96 x 184 mm)
- maximum 7.4 x 10 inch (188 x 255 mm)
- Printable Surface
- Maximum printable line: 8.1 inches (205.9 mm)
- Minimum top and bottom margins: .235 inches (6.0 mm)
- Minimum left and right margins: .197 inch (5.0 mm)
- The actual printable area may vary depending on the application and the amount of RAM installed.

Size and Weight

- Height: 9.8 inches (24.8 cm)
- Width: 15 inches (38 cm)
- Depth (with optional letter-size cassette): 18.3 inches (46.4 cm)
- Weight: 29.5 lb. (13.35 kg)

Operating Environment

- Temperature: 50 degrees to 90 degrees F (10 degrees to 32.5 degrees C)
- Humidity: 20% to 80%

Power Requirements

- U.S./Japan: 90 to 110 volts AC, 48-52Hz, 58-62 Hz
- Europe/Australia: 220 to 240 volts AC, 48-52 Hertz

Power Consumption

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

Article Change History

- 09/10/93 - UPDATED
 - Discontinued on 9/7/93
- 09/14/92 - REVIEWED
 - For technical accuracy.
- 09/14/92 - UPDATED
 - Memory upgrade section to show it's expandable to 4 MB.

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Tech Info Library Article Number:9933