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Personal LaserWriter NTR: Description (Discontinued) (10/94)

Revised: 10/3/94
Security: Everyone

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TOPIC -----

This article describes the Personal LaserWriter NTR.

DISCUSSION -----

The Personal LaserWriter NTR combines a high-speed RISC processor and multi-platform ease of use. It delivers 3 to 5 times the performance of the Personal LaserWriter NT.

You can upgrade the Personal LaserWriter SC and NT to the NTR with a controller board upgrade.

Features

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- The Personal LaserWriter NTR uses the 4 ppm (pages per minute) Canon P-110 engine common to all of Apple's Personal LaserWriter product line.
 - It uses the standard Personal LaserWriter toner cartridge (part # M0089LL/A). This toner cartridge has an expected life of about 3500 pages of normal coverage.
 - 70-sheet paper tray, second 250-sheet tray optional
It uses the following standard LaserWriter II paper cassette options when equipped with the optional 250-sheet cassette base (part# M8028G/A):
 - Letter cassette (part # M0091LL/A)
 - Legal cassette (part # M0302LL/A)
 - Envelope cassette (part # M0094LL/A)
 - RISC Processor (AMD 29005)
 - Parallel, LocalTalk and serial interfaces

This is the first Apple LaserWriter to feature a Centronics parallel port for easy connectivity to DOS/Windows PCs.

- All ports active
The printer arbitrates connections between its three communications ports, allowing each to be physically connected to different sources concurrently.
- 39 font faces
Adobe Type 1 fonts in ROM, and their TrueType equivalents available on floppy disk.
- PostScript Level 2
Enhanced PostScript offers improved performance thanks to data compression and more extensive use of data caching.
- TrueType and Type 1 support (in ROM)
The TrueType Scaler is in ROM for optimum TrueType font performance.
- HP IIP (PCL 4+) emulation
- 3MB RAM standard, expandable to 4MB
The NTR ships with 3MB of DRAM, sufficient for the great majority of printing applications. You can upgrade to 4MB by replacing the removable 1MB SIMM with a 2MB SIMM. (Personal LaserWriter NTR supports industry-standard 80ns or faster, 72-pin 2 MB SIMMs, CAS before RAS.)

Benefits

- Quick first page output
- True multi-platform compatibility: Macintosh, DOS/Windows, and OS/2
- Enhanced ease of use in multi-platform, especially Macintosh and PC, environments. All interfaces are simultaneously active. No more changing dip switches or thumbwheel settings.
- Enhanced font selection
- Paper handling capabilities expand with user's needs. With second tray installed, convenient access to different types of paper such as letterhead and bond.
- Latest version of PostScript, providing enhanced performance and functionality
- Ensures compatibility and maximum quality with user's fonts.
- Compatibility with non-PostScript applications
- Sufficient RAM for processing complex pages (includes legal size printing); expandable for faster printing with more fonts.

Article Change History:

03 Oct 1994 - Corrected part number on paper tray.

15 Sep 1992 - Included more specifics on the type of memory upgrade.

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