



# Tech Info Library

## LaserWriter Select 360: Q & A (6/96)

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TOPIC -----

This article answers questions on the LaserWriter Select 360 printer.

DISCUSSION -----

Q: Does the LaserWriter Select 360 replace the Personal LaserWriter NTR?

A: Yes, the LaserWriter Select 360 is a feature enhanced replacement for the Personal LaserWriter NTR. It offers advanced print quality (FinePrint and true 600 x 600 dots per inch printing) an optional PostScript Fax card for full fax send and receive capability (at up to 600 dpi if communicating with a similarly capable PostScript Fax printer), and a RISC-processor controlled 10 page-per-minute engine.

Q: Is the LaserWriter Select 360 a PostScript printer?

A: Yes. The LaserWriter Select 360 uses Adobe PostScript Level 2. It also offers PCL 5 (Hewlett-Packard LaserJet III emulation) for non-PostScript PC users. PC-DOS PrtScn and HP's Tagged Binary (TBCP) are also available.

Q: What is the print speed of LaserWriter Select 360?

A: Depending on the application and the complexity of the document being printed, the printer is designed to print up to 10 ppm.

Q: What are the paper handling capabilities?

A: Paper input capacity is 250 sheets and can be expanded to support an additional 50, 250, or 500 sheets of paper. When all the paper handling options are installed the printer can have up to 800 sheet input capacity.

Q: Is the LaserWriter Select 360 compatible with the LaserWriter Select 300/310 toner cartridge and accessories?

A: No. The LaserWriter Select 360 is based on a new 600 dpi print engine. It is not compatible with the LaserWriter Select 300/310 toner cartridge.

Q: Is there a LaserWriter Select 360 upgrade for the LaserWriter Select 300 and 310?

A: No. Due to severe schedule restrictions and low customer demand for past

upgrade options, there is no planned upgrade path from the LaserWriter Select 300 or 310.

Q: Can the LaserWriter Select 360 be upgraded to a LaserWriter Pro 630?

A: No, the LaserWriter Pro 630 is based on an entirely different engine.

Q: Won't the LaserWriter Select 360 impact LaserWriter Pro 600 sales?

A: Yes, because of the faster engine and equivalent resolutions, automatic emulation switching and the optional PostScript Fax capability. The LaserWriter Pro 600 will still be available because of the upgrade path it provides to the LaserWriter Pro 630.

Q: Is the LaserWriter Select 360 memory upgradeable?

A: Yes, a user can upgrade the memory by replacing the 72-pin 4 MB SIMM with a 72-pin 16 MB SIMM. This upgrade boosts the usable RAM from 7 MB to 16 MB. The 3 MB of RAM on the logic board is not used when a 16 MB SIMM is installed.

Q: Why isn't PhotoGrade supported in the LaserWriter Select 360?

A: Due to severe schedule restrictions and some engineering difficulties with 300 dpi PhotoGrade quality, the option was not included.

Q: What expansion options are available for the printer?

A: The expansion options include the PostScript Fax card for plain paper fax capability and various paper handling accessories which provide an input capacity of up to 800 sheets.

Q: Does the LaserWriter Select 360 support LocalTalk?

A: Yes. The LaserWriter Select 360 was designed to be an upgraded version of the Personal LaserWriter NTR and as such, supports LocalTalk, serial and parallel interfaces.

Q: Does the LaserWriter Select 360 printer support TrueType?

A: Yes, the ROM includes the TrueType scaler and the disk set includes 64 TrueType font faces.

Q: Is the LaserWriter Select 360 compatible with ATM (Adobe Type Manager)?

A: Yes, ATM and TrueType can both be used.

Q: When QuickDraw GX is available will the LaserWriter Select 360 support it?

A: As soon as QuickDraw GX is available Apple will add the appropriate driver to the in-box materials and modify the Installer script to install the appropriate driver depending on the system software present on the user's Macintosh.

Q: Who is the target customer?

A: The LaserWriter Select 360 is targeted for small to medium workgroups, small to mainstream businesses and power users who need high-quality, high-performance and network capability. The PostScript Fax option is ideal for each of the target customer segments.

Q: How much faster is the LaserWriter Select 360 than the Personal

LaserWriter NTR?

A. The answer to that depends on the complexity of the print job, and the size of the file form which you print. On average, a LaserWriter Select 360 will image 60% faster than a Personal LaserWriter NTR.

Q. What print quality capabilities are available?

A. Users can select 300x300 dpi or 600x600 dpi. FinePrint can be employed in 300x300dpi.

Q. What fonts are in the printer?

A. All standard 35 Type 1 fonts for PostScript applications in UNIX, Windows, and Macintosh applications are ROM resident.

Q. Does the printer support automatic emulation switching?

A. Yes, it supports automatic emulation switching. If the data stream being sent to a port follows standards for each emulation, it can detect emulation switching needs and correctly route the data to the proper emulation logic.

Q. Does it support PCL Level 5 (HP LaserJet III emulation)?

A. Yes.

Q. What processor does the LaserWriter Select 360 use?

A. The processor is a RISC based AMD 29200 15 MHz chip.

Q. What kind of RAM does it use?

A. The LaserWriter Select 360 uses 72-pin, 80 ns, fast page mode DRAM. Three 1 MB banks of memory are soldered to the logic board. One 72-pin SIMM holds a 4 MB SIMM which may be replaced with a 16 MB SIMM.

Q. What RAM configurations are possible?

A. The LaserWriter Select 360 is equipped with 7 MB standard, and can be upgraded with one 16 MB SIMM (which replaces the 4 MB SIMM) to provide a maximum of 16 MB RAM. In the 16 MB configuration, the 3 MB of on-board DRAM are unused.

Q. How much ROM and RAM are standard?

A. 4 MB ROM and 7MB RAM.

Q. Does Apple include software for Windows users?

A. Yes. We have drivers to support Windows 3.0 and Windows 3.1.

Q. Does the LaserWriter Select 360 have duplex printing capability?

A. No.

Q. How does the LaserWriter Select 360 compare with the HP LaserJet 4M or 4P?

A. At this time, it is the only mainstream laser printer that offers the PostScript Fax option. Otherwise, the LaserWriter Select 360 and the Hewlett-Packard LaserJet 4M have similar features and abilities. The LaserWriter Select 360 has a faster engine than the HP LaserJet 4P (10 ppm to 4 ppm). All three printers have all ports active interfaces with automatic emulation switching capability.

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