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LaserWriter IINTX: Calculating Font Caching RAM

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Some users who want to use multiple font families have asked if there is a way to estimate or calculate the increase in font cache size to allow more font families in the cache.

This is to enable the user to find the minimum amount of RAM to add to the LaserWriter IINTX that will allow the use of several font families without having to download the font per print request.

Font cache and display list sizes are persistent parameters and can be reset.

The default values (in hex) are:

	2MB or less	3MB or less	3MB or more
Font Cache size	\$28600	\$33000	10% RAM size
Display List size	\$10000	\$15000	10% RAM size

These parameters allow setting the RAM allocation in the LaserWriter IINTX. HOWEVER, if used incorrectly, they could have DISASTROUS effects on the operation of the printer. (Normally these values are set to 0 in the EEROM (ZPRAM), which tells the printer to calculate the necessary sizes based on RAM size.)

As determined from the above information, if the LaserWriter has 3MB or more RAM installed, the printer allocates 10% to font cache. If you know the amount of space each font family occupies, you can determine the amount of memory available for font caching.

Or, a hard disk can be attached to the LaserWriter IINTX, which would have more than enough space for a group of font families.

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