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LaserWriter IINT/NTX: Default Values For Font Cache

This article last reviewed: 29 April 1988

Default values are set for the font cache in the LaserWriter IINT and LaserWriter IINTX, as well as for the display list and communications buffer. Font cache and display list sizes are persistent parameters and can be reset.

The default values are (in hex):

	2MB or less	3MB or less	3MB or more
Font Cache size	\$286000	\$330000	10% RAM size
Display List size	\$10000	\$150000	10% RAM size

These parameters permit setting the RAM allocation in the LaserWriter IINTX.

(IMPORTANT NOTE: If the RAM allocations are set incorrectly, it could have a VERY BAD effect on the operation of the printer. Do not adjust these unless you know what you are doing, or have consulted with someone who does!)

Normally, these values are set to 0 in the EEROM (ZPRAM), which tells the printer to calculate the necessary sizes based on RAM size.

Also, a change has been made to the operation of the font cache in more recent LaserWriters. Formerly, there was a single limit on the number of bytes occupied by a character in the cache; a character larger than the limit would not be cached. Now there are two cache thresholds, an upper one and a lower one.

If a character is larger than the upper threshold (as determined by the bounding box specified to setcachedevice), the character is still not cached; if smaller, it is.

Once the character is cached, if it's larger than the lower threshold it is compressed; if not, it is stored as a full-pixel array.

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Keywords: <None>

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19960215 11:05:19.00

Tech Info Library Article Number: 2893