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Macintosh LC III: Using VRAM from LC II (7/93)

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Security: Everyone

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TOPIC -----

The Macintosh LC III comes with 512K of video RAM (VRAM) soldered onto the logic board, and one slot for adding an additional 256K of VRAM. Can I use the same 256K VRAM memory card used in the LC II for this upgrade? What happens if I use a 512K VRAM memory card from the LC II in the LC III?

DISCUSSION -----

The 256K VRAM memory card used in the Macintosh LC II is fully compatible with the Macintosh LC III and Performa 450. Adding this memory card brings the LC III's total video RAM to 768K, allowing it to support 32,768 colors on some color monitors.

Adding a 512K VRAM card to the LC III will work as well, but the computer will recognize only 768K of the total 1024K installed.

For more information on which monitors are supported, search related articles.

Video RAM (VRAM)

- 512K standard supports:
 - 32,768 colors on the Macintosh 12-inch RGB Display
 - 256 colors on the AppleColor High-Resolution RGB Display (13"), Macintosh Color Display (14"), and Macintosh 16-inch Color Display
 - 256 shades of gray on the Macintosh 12-inch Monochrome Display
 - 16 shades of gray on the Macintosh Portrait Display (15")
- 768K (512K standard plus 256K VRAM card) option supports:
 - 32,768 colors on the Macintosh 12-inch RGB Display, AppleColor High-Resolution RGB Display (13"), and Macintosh Color Display (14")

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- 256 colors on the Macintosh 16-inch Color Display
- 256 shades of gray on the Macintosh 12-inch Monochrome Display and Macintosh Portrait Display (15")

Article Change History:

07/13/93 - Revised to include Performa 450.

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