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LC 475, Performa 475 & 476, Quadra 605: Custom ICs (10/93)

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TOPIC -----

This article describes the custom integrated circuits (ICs) in the Macintosh LC 475, Performa 475 and 476, and Quadra 605.

DISCUSSION -----

The Macintosh LC 475, Performa 475 and 476, and the Quadra 605 support VRAM-based video and utilize a MEMC Jr. memory controller.

The MEMC Junior IC

The MEMC Jr. (the Most Excellent Memory Controller Junior) chip is a 208-pin Apple-designed integrated circuit which controls video display processing as well as memory control. The result is improved performance compared to the Quadra 700, 900, and 950 video.

The LC 475 and the Quadra 605 use the same 15-pin connector for video output used by the Quadra 700 and 900, as well as other Apple systems.

The Apple AudioVision 14 Monitor requires an adapter which connects the monitor cable on one end to the individual input/output ports such as Video and ADB.

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