



# Tech Info Library

## Centris 660AV & Quadra 840AV: 2MB ROM Information (7/93)

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Security: Everyone

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TOPIC -----

This article provides information on the new 2MB ROM in the Centris 660AV and Quadra 840AV.

DISCUSSION -----

The Centris 660AV and Quadra 840AV are the first Macintosh computers to implement a 2MB ROM using two 512Kx16 chips. The new ROM is also the first ROM that contains code for portions of System 7 that were able to be moved to the ROM, freeing up RAM for applications and other system use.

The ROM has also been vectorized which allows for easier System patch creation and from a development perspective is much easier to maintain.

The new ROM also includes:

- Support for the Digital Signal Processor (DSP)
- New drivers for DMA based LocalTalk, Ethernet, Floppy disk, and SCSI
- QuickTime 1.5\*
- Sound Manager 3.0
- Video input and output drivers
- Speech recognition and text to speech driver
- Apple Events and AppleScript
- Software support for telecom capabilities

\* QuickTime 1.5 is installed in ROM, however, the software version of QuickTime 1.6 was installed at the factory and will override the version in ROM.

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