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Macintosh AV Series: Technologies Overview (12/93)

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TOPIC -----

What does the AV in the Quadra 840AV, Centris 660AV and Quadra 660AV stand for?

DISCUSSION -----

The AV in the product name refers to the audio/visual technologies that are integrated in the Macintosh AV Series computers.

These AV technologies focus in three key areas: telecommunications, speech, and video. At the core of the AV technologies used in the Quadra 840AV and Centris 660AV are the following new features:

- The AT&T DSP3210 Digital Signal Processor (DSP) chip. The DSP which can process modem signals, record and playback up to 16-bit stereo sound, manage speech recognition, and perform text to speech conversions via Apple's PlainTalk software.
- Integrated video input and output capabilities conforming to NTSC, PAL, and SECAM formats via S-Video and Composite Video input/output ports.
- Direct memory access (DMA) for SCSI based peripheral devices, such as hard disks and CD-ROM drives.
- A new integrated telecommunications architecture called GeoPort that will accommodate analog, ISDN, fax, and other signal forms.

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14 December 1993 - Retitled and revised topic to reflect entire AV series.

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