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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