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Avid Cinema: Technical Specifications (10/96)

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TOPIC -----

This article contains the technical specifications for Avid Cinema, a digital video editing system for Macintosh Performa and Power Macintosh computers.

DISCUSSION -----

Avid Cinema Card Specifications

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Video specifications

- * 30-frames-per-second (fps) Motion JPEG compression/decompression at 320 by 240 pixels
- * 60 fields-per-second for interlaced video (television)
- * Vertical and horizontal interpolation and filtering for high-quality output of up to 640 by 480 pixels
- * NTSC output in composite or S-video format

Environmental requirements

- * Operating temperature: 50 degrees to 104 degrees F (10 degrees to 40 degrees C)
- * Storage temperature: *40 degrees to 116 degrees F (40 degrees to 47 degrees C)
- * Relative humidity: 5% to 95% noncondensing
- * Maximum altitude: 10,000 ft. (3,048 m)

Size and weight

- * Height: 7 in. (17.7 cm)
- * Width: 4 in. (10.1 cm)
- * Weight: 0.3 lb. (0.14 kg)

System requirements

- * One of the following systems:
 - A PowerPC processor-based Apple Macintosh Performa or Power Macintosh

computer with a PCI expansion slot (such as the 5400 or 6400 series) and the Apple Video System

- An Apple Power Macintosh computer with built-in composite or S-video input and a PCI expansion slot (such as the 7500, 7600, or 8500 series)

- * 24 MB of RAM
- * Macintosh system software version 7.5.3 or later (system software version 7.5.3 included)
- * QuickTime 2.5 or later software (QuickTime 2.5 included)
- * 1 GB hard disk
- * One available PCI expansion slot

Avid Cinema Software Specifications/Description

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- * Four integrated functions
 - Storyboard
 - Bring video in
 - Edit movie
 - Send movie out
- * Storyboard-driven interface
- * Multiple media input formats
 - Camcorder
 - VCR
 - QuickTime movies
 - Digital pictures (PICT files)
 - Voice input from a microphone
 - Audio CDs
- * More than two dozen special effects
- * Multiple movie output formats
 - VHS tape
 - QuickTime movie optimized to incorporate into presentation software programs
 - QuickTime movie optimized to send across the Internet or publish on a World Wide Web site
 - QuickTime movie optimized to save on a double-speed CD-ROM drive
 - QuickTime movie optimized to save on a quadruple-speed CD-ROM drive
 - Avid Cinema format optimized to export into a third-party application for continued editing
- * Storage Requirements

Begin_Table

Final movie	Disk space required to edit (approximate)
5 min.	225 MB
10 min.	450 MB
15 min.	675 MB
20 min.	900 MB
25 min.	1.1 GB

30 min.

1.35 GB

End_Table

NOTE: Product specifications are subject to change. Check with your Apple reseller for the most current information about product specifications and configurations.

Article Change History:

31 Oct 1996 - Added field rate info.

02 Aug 1996 - Changed distribution status.

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