



Tech Info Library

Avid Cinema: Technical Specifications (10/96)

Revised: 10/31/96
Security: Everyone

Avid Cinema: Technical Specifications (10/96)

=====
Article Created: 31 July 1996
Article Reviewed/Updated: 31 October 1996

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

=====

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

- =====
- * 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

	Disk space required to edit
Final movie	(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.

Copyright 1996, Apple Computer, Inc.

Tech Info Library Article Number:20238