



SCSI Disk Arrays for Non-Linear Video Editing Systems



VideoRaid™ RT disk arrays from Medea Corporation are the ideal storage solutions for professional digital content creators who work with high-end non-linear editing (NLE) systems. VideoRaid RT disk arrays are available in 4 and 6-drive configurations and offer up to 720 GB of high-performance video storage in a compact desktop enclosure. VideoRaid RT is a hardware-based RAID 0 system yet costs less than lower performance just-a-bunch-of-disks (JBOD) solutions.

High Sustained Data Transfer Rates

VideoRaid RT disk arrays sustain a minimum data rate of 65 MB/second—more than enough performance to support the most demanding dual-stream, real-time MJPEG and uncompressed NLE systems.

Plug and Play Over 20 Terabytes!

By daisy-chaining VideoRaid RT modules together, you can configure over 20 terabytes (20,000 GB) of high-performance video storage on a single SCSI host adapter. That's over 260 hours of uncompressed video storage!

Supports All Levels of NLE Systems

VideoRaid RT supports all levels of video capture boards and is a perfect storage solution for dual-stream, uncompressed video editing systems such as Accom's Affinity, Avid's Meridien-based systems, and Pinnacle's CineWave RT.

"Sneaker-net" Enabled

VideoRaid RT can be moved easily between NLE workstations (with the same OS) since the striping control is maintained within the unit and not on the host system.

Easy Installation

VideoRaid RT disk arrays attach to any Ultra2 SCSI-equipped PC, Mac or SGI computer. VideoRaid RT's on-board hardware RAID controller eliminates the need for disk striping software or configuring drive stripe sets. Each VideoRaid RT module looks like one large disk drive to your operating system and uses a single SCSI ID. Simply attach VideoRaid RT to your SCSI host adapter using the supplied cable, install the LVD terminator (included) and initialize the array as if it were a single disk drive. That's all there is to it!

Single Vendor Support

VideoRaid RT is factory integrated and tested. And our generous 3-year warranty is backed with unlimited free technical support.

Specifications: VideoRaid RT

External Ultra2 SCSI Disk Arrays with capacities to 720 GB

Focus: High-end non-linear video editing applications including:
• Uncompressed Video
• Dual-Stream, Real-Time Systems

Configuration: External 4 or 6-drive disk arrays with integrated Ultra2 SCSI RAID 0 controller

Interface: Ultra2 SCSI LVD

Sustained Data Rate: Single array: 65 MB/second
Two arrays striped: 135 MB/second

Video Capture Board Compatibility:

Accom	Affinity, StrataSphere
Aurora	Ingniter (uncompressed)
Avid	Media Composer, Symphony, Xpress
Digital Voodoo	D1 Desktop64/AV/Lite
DPS	dpsReality, dpsVelocity, Hollywood
DVS	ClipStationPRO
FAST	silver
Matrox	DigiSuite, DigiSuite DTV, DigiSuite LE/LX
Media100	iFinish, i/xs, i/xr, xs, xr
NewTek	Video Toaster NT
Pinnacle	ReelTime/NITRO, CineWave/RT, DC2000 TARGA 2000
SGI	O2, Octane, 330/550
Sonic Solutions	DVD Creator
Optibase	VideoPump SD

Video Editing Software Compatibility:

Adobe	Premiere RT
Apple	Final Cut Pro
Avid	Media Composer, Symphony, Xpress
Discreet	edit*
IMC	Incite
in-sync	SpeedRazor
Ulead	MediaStudio Pro
United Media	On-Line Express

SCSI Host Adapter Compatibility:

Adaptec	2940U2W, 29160, 39160
Atto	ExpressPCI UL2S/UL2D/UL3D
Initio	INI-A100U2W
QLogic	QLA1080 / 1280 / 12160
LSI Logic	SYM8953U / 8955U / 22910 / 22915

Operating Systems: Windows NT
Windows 2000
MacOS
IRIX

Kit Contents:

- 4 or 6 disk drives, integrated Ultra2 SCSI RAID 0 controller, 100 watt universal power supply
- 1 meter, high-density (HD) 68 pin to HD 68 pin SCSI cable
- LVD SCSI terminator
- Power cord
- Installation Guide

Minimum Host Editing Requirements:

Wintel PC

- Pentium II
- Windows NT, Windows 2000
- Single or dual-channel Ultra2 SCSI host adapter

Macintosh

- MacOS 8.1 or higher
- Single or dual-channel Ultra2 SCSI host adapter

SGI

- O2, Octane, 330/550
- Windows NT, Windows 2000, IRIX
- Single or dual-channel Ultra2 SCSI host adapter

Connectors: Host: 68 pin HD
Expansion: 68 pin HD

Dimensions: 4-drive: 7.25"h x 5"w x 10.25"d
6-drive: 8.75"h x 5"w x 10.25"d

Weight: 4-drive: 16 lbs
6-drive: 19 lbs

Power Supply: 90-230 VAC, 50/60 Hz auto switching

**Typical Current Draw:
(115 VAC)** 4-drive/6-drive
Start-up: 1.12/1.75 A
Idle: .31/.75 A
Read/Write/Seek: .56/1 A

Operating Temp: 5-40 degrees C

Support: Unlimited free technical support
48-hour replacement policy
Cross-ship replacement

Warranty: 3 years



Call toll-free in US (888) BY MEDEA
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