

NEW!



VideoRaid RTR320

5-drive desktop tower configuration

- ▣ Protects Your Content Against a Drive Failure
- ▣ ATA to Ultra320 SCSI RAID 3
- ▣ Supports SD and HD Applications
- ▣ Multi-Stream Technology (MST)
- ▣ Background Drive Reconstruction and RAID Patrol
- ▣ Hot-Swappable Drive Modules
- ▣ Redundant Load-Sharing Power Supplies Available - RTRX

Ultra320 SCSI, Fail-Safe Disk Arrays

VideoRaid RTR320 and RTRX320 disk arrays are the ultimate ATA to Ultra320 SCSI storage solutions for digital content creation applications including animation, special effects and non-linear video editing. Medéa RTR320/RTRX320 disk arrays provide data protection in the event of a disk drive failure and offer superb performance.

High Performance, Ultra320 SCSI Interface

VideoRaid RTR320/RTRX320 disk arrays feature a high performance Ultra320 SCSI interface enabling the desktop models to sustain a single-stream data transfer rate up to 200 MB/second, while the dual-channel rack mount models sustain up to 350 MB/second - more than enough bandwidth to support the playback of all formats of HD footage.

Protects Your Content

With VideoRaid RTR320/RTRX320, a disk drive failure is not a catastrophic event. The system will continue to operate without loss of data and at full performance should a drive fail within the unit. This enables the completion of work in progress without requiring immediate drive replacement. To replace a failed drive, simply swap out the bad drive module and the array will automatically begin a background reconstruction. Costly downtime is eliminated since the system is fully functional during the rebuild process. Once the rebuild is completed, VideoRaid RTR320/RTRX320 resumes the protection of your content.

Multi-Stream Technology (MST)

VideoRaid RTR320/RTRX320 features Medéa's proprietary MST, a sophisticated stream-handling algorithm that works with the system's on-board caching RAID controller to support the simultaneous real-time playback of multiple streams* of uncompressed SD and HD video.

* The number of supported simultaneous streams varies by platform and NLE system.



Built-In Ethernet Support

VideoRaid RTR320/RTRX320 incorporates an ethernet port to configure and manage the array.

RAID Patrol

VideoRaid RTR320/RTRX320 features a built-in preventative maintenance system called RAID Patrol. RAID Patrol monitors the disk media for errors and offers a level of protection not found in other disk arrays, ensuring that the system is continually optimized for peak performance.

Removable Disk Drive Modules, Power Supplies & RAID Controllers

The removable components in VideoRaid RTR320/RTRX320 disk arrays facilitate on-site system upgrades and serviceability and enable quick job changes by simply swapping disk drive modules.

Redundant Power Supplies - RTRX320 Models

VideoRaid RTRX320 rack models feature optional redundant load-sharing power supplies. In the unlikely event that a power supply fails, the system will continue to operate without interruption.

Scalable Capacity to Over 24 Terabytes

As your storage requirements grow, Medéa RTR320/RTRX320 units can be easily daisy-chained together to reach usable storage capacities 48 Terabytes on a single SCSI host adapter – that's over 400 hours of 10-bit uncompressed SD video footage!

Plug & Play Installation

VideoRaid RTR320 (and each channel of RTRX320) appears to the workstation as one large SCSI disk drive. No hardware or software configuration is required.



VideoRaid RTR320 removable drive module



VideoRaid RTR320

5 or 10-drive 3U, 19" rack mountable configuration

Tech Specs

Interface:

RTR320: Ultra320 SCSI LVD
 RTRX320: Dual-channel, Ultra320 SCSI LVD

Sustained Data Rate:

RTR320: Up to 200 MB/sec
 RTRX320: Up to 350 MB/sec

SCSI Host Adapter Compatibility:

Adaptec:
 29160 / 39160
 29320 / 39320
Atto:
 ExpressPCI UL3S / UL3D
 ExpressPCI UL4S / UL4D
Qlogic:
 QLA 12160