

HIGH DENSITY ULTRA 160 LVD RACKMOUNT RAID ARRAY

JetStor /// U160 / 16



POWERED BY AC&NC

JetStor III U160 / 16-bay



KEY BENEFITS

Next generation JetStor III U160 RAID array supports business critical applications with superior data protection and the highest performance of Ultra160 SCSI disk drives. Engineered to meet stringent demands for continuous availability, JetStor III U160 RAID array features a brand-new 64-bit RISC processor for blazingly fast parity calculation and I/O operations, completely cableless backplane-based design, and storage capacities reaching 2.4TB in a small 3U enclosure.

Low service and integration costs are assured by the JetStor's modular design, three redundant hot-swappable power supplies, three turbo cooling fans, and an embedded RAID controller.

Versatility is in the heart of the JetStor III U160 array. Indeed, it can be used as a desktop or be rackmounted into any standard 19" rack cabinet.

JetStor III U160 RAID addresses many challenges present in datacenters and delivers unparalleled storage flexibility, higher levels of data availability, management and configuration simplicity, all while securing maximum investment protection to support future growth.

Controller

- 64-bit RISC 100MHz CPU with 100MB/sec memory bus
- Up to 800 MB/sec internal bandwidth
- RAID Level 0, 0+1, 1, 3, and 5 support

Cache

- 64-512MB using industry standard SO-DIMM SDRAM
- On-board ECC

Host and Disk Interface

- Two 160MB/sec Ultra 3 LVD SCSI
- Optional 2Gbit Fiber Channel Dual Loop
- Two 160MB/sec Ultra 3 LVD SCSI disk channels
- Fully supports Ultra320 SCSI standard

Command Queuing

- 253 commands

Backplane

- Intelligent backplane with sixteen bays
- Accepts sixteen SCSI SCA 3.5" LP drives

Administration

- On-board LCD panel
- RS-232 port / VT100 or Ethernet port
- Exclusive RAIDm software
- Web-based array monitoring

Fault Notification

- Audible controller alarm
- Audible power supply alarm
- Visual LCD and LED alarms
- In-band SCSI monitoring and E-mail notification
- Pager and Fax fault notification

Power

- Triple redundant 300W power supplies/autosensing
- 110-220 VAC $\pm 20\%$ @ 3 amps peak 47 to 63 Hz

Physical

- Dimensions: 5.25"H x 19"W x 19.5"D / 3U
(13.5cm x 49cm x 50cm)
- Weight: 68 lb. (31 kg.) without disk drives

Temperature

- 41°F to 104°F (5°C to 40°C) operating
- -40°F to 140°F (-40°C to 60°C) non-operating



Relative Humidity

- 10% to 85% non-condensing (operating)
- 5% to 90% non-condensing (non-operating)

Host Platforms

- Host platform independent
- Certified to work with:
Windows Server 2003, Windows 2000 and MSCS,
Windows XP, Windows NT, Linux, Solaris/SunOS,
FreeBSD, MAC OS, SCO Unix, UnixWare,
Tru64/Digital Unix, HP/UX, IBM AIX, SGI IRIX,
VMS, BSDI, Novell Netware, OS/2, BeOS, QNX
...and others to be announced.

Host Adapters

- Most Host Bus Adapters supported
- PCI, Compact PCI, MCA, S-Bus, ISA, VME

Agency Approvals

- FCC, CE, TUV, UL/CSA, and EMC

Warranty

- Three years – logic
- Five years – drives

ADVANCED FEATURES

- Dual host connection can support two hosts simultaneously. Perfect for clustered environments, e.g MSCS – Microsoft Cluster Server.
- RAID controller provides RAID 0, 0+1, 1, 3, and 5, Global Hot Spare Disk, Auto Rebuild, and up to 512 MB of SO-DIMM SDRAM-based data cache.
- Intelligent SCSI backplane design (uses no cables) allows “hot swapping” of disk canisters, power supplies, and fans for increased reliability, lower cost, and ease of maintenance.
- RAIDm monitoring and notification software
- 2Gbit Fiber Channel support
- SAN Ready

AVAILABLE DRIVE CAPACITIES

- 9GB (7,200 / 10,000 rpm)
- 18GB (7,200 / 10,000 / 15,000 rpm)
- 36GB (7,200 / 10,000 / 15,000 rpm)
- 73GB (10,000 / 15,000 rpm)
- 146GB (10,000 rpm)
- Maximum capacity 2.4TB when using 146GB drives
- Scalable to multiple terabytes



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