

RAID 8 SPECIFICATIONS

Features



Direct-attached is the easiest way to add storage to your server. Since most servers have a SCSI interface that is underutilized, simply add the RAID 8 to a spare ID on your SCSI chain, and your server's storage capacity is increased many times over.

With a capacity topping 2 Terabytes in a mere 2U enclosure, the RAID 8 qualifies as high-density storage. Eight 250 GB hard drives are controlled by a PowerPC RISC processor with 512 MB of RAM. We can set up your system in Raid 0, 1, 3 or 5 configurations.

All of this capacity is simple to connect, either through the RAID 8's Ultra-SCSI connection or, optionally, Fibre Connect. Redundant power supplies and hot swap fans are included, for high uptime. System status visual indicators warn if there is a problem with drive trays, power supplies or Fans.

Data protection is achieved through several features: The system automatically detects bad drive sectors and reassigns the data. One drive can be set up as a global hot spare, available to fill-in in the event of any single drive failure. In the event of such a failure, the RAID 16 automatically detects that failure and rebuilds the Raid with the hot spare. It can even inform you of changes in system status via the SMNP protocol.

Specifications

CPU

Processor	PowerPC RISC
Backplane	Cable-less direct drive connection for reliability
RAM	512 MB
Indicators	LED online, fault, access indicators
Interface	Ultra 3 SCSI or Fibre (optional)

Drives

Sizes	Eight 250 GB Hard Drives
Interface	EIDE
Compatibility	ATA/100
Access Time	8.5 ms. Average
Transfer Rate	40 MB/sec. peak
Buffer memory	2 Mbytes
Rotational Speed	5,400 RPM

Software

Setup	RAIDguide Java GUI
LCD	Drive Status Readout
Upgrades	Via Flash ROM

Enclosure

Size	2u, 19"w x 20" D
Structure	Heavy Rolled Steel
Fans	Two hot-swap fans mdules
Power	Redundant, LED status displays.
Supplies	

Regulatory

UL, CSA Power Supply, FCC Class A integration

Warranty and Disclaimer

Specifications subject to change without notice. All trademarks the property of their respective companies. Warranty: One year parts and labor from date of purchase. This warranty is in lieu of all other express warranties which now or hereafter might otherwise arise with respect to this product, implied warranties, including those of merchantability, fitness for a particular purpose and non-infringement shall (A) have no greater duration than 1 year from the date of purchase (B) terminate automatically at the expiration of such period and (C) to the extent permitted by law be excluded. In the event this product becomes defective during the warranty period, the purchaser's exclusive remedy shall be repair. Incidental or consequential damages, including without limitation loss of data or inaccurate retrieval of data, arising from breach of any express or implied warranty are not the responsibility of Academy Computer Services, Inc. and, to the extent permitted by law, are hereby excluded both for property damage, and to the extent not unconscionable, for personal injury damage.



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