



H8500 HIGH CAPACITY STORAGE UNIT



The
Partnership
For
Success

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High Performance, Supreme Capacity Hybrid Storage and Processor Server

Designed for core network operation in the most demanding of networks, these fast, reliable servers provide high availability computing backed with abundance of storage capacity.

Available in SATA II, SAS or SCSI, this 8U Hybrid Server is capable of 48TB of redundant storage and is able to support up to 16 way processing power with up to 32GB RAM producing a hugely powerful all-in-one machine.

The hybrid server also has a 64bit architecture and hardware RAID engine capable of over 800MB/sec data access. Two additional hot-swap drive bays are included to the rear of the chassis for the operating system. 10GB Ethernet channels are also an option.

Fans, drives and power supplies are hot swappable helping to keep the unit always available and are constantly monitored.

All Hybrid Storage Servers include remote management and remote failure notification features.

Features

- 8U Rack Mount Chassis
- EIA and SSI Compliant
- 48 x Front Loaded, Hot Swap Redundant Drive Bays
- 2 x Rear Hot Swap Redundant Drive Bays
- Up to 48TB Redundant Storage
- Up to 16 Way Processing
- Up to 32GB RAM
- Up to 10 x 1Gb LAN
- Single or Dual 10GB LAN Options

Each Hybrid Server is custom built to your specification and is fully configured and tested before shipping, making it an 'out of the box' product.

A full range of installation, support and management services are available with these units and a pre-installation site survey is highly recommended.

If you would like a demonstration of the Hybrid Server or wish to discuss how it could fit within your



Technical Specification

Processor Options

- Intel Core2Duo
- Intel Dual Core Xeon
- Dual Intel Dual Core Xeon
- Quad Intel Dual Core Xeon
- Dual Quad Core Intel Xeon
- Quad Intel Quad Core Xeon

Main Memory

- 2-32GB RAM
- Dual 64bit DDRII Channels

Storage Engine

- Up to 48TB of Storage Capacity
- SATA II, SCSI or SAS Hard Drives
- 64bit High Performance RAID Engine
- Over 800MB/sec Data Access
- Support RAID 0, 1, 3, 5, 6, 10, 50, and Single Disk or JBOD
- 512MB / 1GB RAID Cache
- 2 x Additional Hot Swap O/S Drives

Network

- Single or Dual 10 Gigabit Copper Ethernet
- Expandable to 10 x Gigabit Ethernet Connections

Chassis Features

- 8U Rack Mount Chassis
- Hot Swap Fan Modules
- Air Flow to Rear
- 1500W / 3000W Triple Redundant, Hot Swap Power Supplies
- Triple Power Input Cords
- Up to 5 x Useable, Full Length PCI Slots
- DVD RW +/- Drive or Floppy Drive

Environmental

- Operating +10 to +35oC—18 to 22oC recommended
- Storage 0 to +55oC
- Humidity 10 to 85% Non Condensing

Physical

- 30KG excluding hard drives
- 8U 19" rack chassis, 19" wide x 14" high, 26" deep

CE Compliance

- Conforms to EEC Directives on EMC and Safety