



18500 HIGH CAPACITY ISCSI SAN

The
Partnership
For
Success



RAID 6

Extreme Performance, Highly Resilient, Massively Scalable iSCSI SAN Engine

Designed for core network operation in the most demanding of networks, these Enterprise Class, fast and reliable iSCSI storage engines provide high availability iSCSI SANs backed with an abundance of storage capacity.

Available with SATA II, SAS or SCSI drives, this powerful 8U iSCSI storage engine is capable of up to 50TB of raw data storage powered by 8 way processors running either the Microsoft iSCSI or Open-E storage platforms. Up to 512 clients (initiators) can be attached to each engine with options for shared or dedicated multiple 1Gb and 10Gb network connections.

The iSCSI engine has a fully 64bit architecture, dual hardware RAID 5/6 engines capable of over 1400MB/sec (1.4GB/sec) data access and high IOPS performance.

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

All iSCSI storage engines include remote management and remote failure notification features.

Features

- Dual Quad Core 64bit iSCSI Processor Engine
- Dual 64bit High Performance RAID Controllers
- 8U Rack Mount Chassis
- Up to 50TB of Raw Hot Swap Redundant Storage
- Enterprise / Data Center Class Technology
- RAID 5 and Ultimate RAID 6 Data Security
- Up to 48% Energy Saving Technology Reducing Data Center Costs
- Hot Swap, Redundant Power Supply with Multiple Input Cords
- Redundant, Hot Swap Cooling Fans
- Up to 10 x 1Gb LAN, Single, Dual or Quad 10Gb LAN Options
- 2 Year Warranty (Extended Warranty Available)

Each iSCSI Engine is custom built to your specification and is fully configured, RAID built and tested before shipping, making it a truly '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 iSCSI storage engine or wish to discuss how it could fit within your existing system please contact your reseller or Oakford Technology using the details above.

www.oakforduk.com



Technical Specification

Storage Engine

- Up to 50TB of Raw Storage Capacity (44TB Capacity in Recommended Configuration)
- Dual 64bit High Performance RAID Engine
- Dual Quad Core Intel Xeon CPUs
- Gigabit Ethernet and 10 Gigabit Ethernet Network Connections
- Over 1400MB/sec Data Access
- Support RAID 0, 1, 3, 5, 6, 10, 50, Single Disk and JBOD
- 1GB RAID Cache
- Compatible with all major iSCSI Initiators including Microsoft, Linux, VMWare, Sun Solaris and Novell

Hard Drive Technology

- 50 x 3Gbps SATA II Hot Swap Drives
- or 50 x 3Gbps SAS 7200, 10000 or 15000 RPM Drives

Network Connections

- Up to 10 x Gigabit Ethernet Connections (Dedicated or Shared)
- Single, Dual or Quad 10Gb Ethernet Connections (Dedicated or Shared)

Chassis Features

- 8U Rack Mount Chassis
- Eight Hot Swap Fan Modules
- Air Flow Front to Rear
- 1500W 4 Way Redundant, Load Sharing, AC Power Supplies
- Quad Power Input Cords
- 750W Typical Power Consumption

System Monitoring

- Monitoring of Fans, Power Supplies and Temperatures
- RAID and Drive Monitoring and Remote Notification

Environmental

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

Physical

- 37KG excluding hard drives
- 8U 19" rack chassis, 19" wide x 14" high, 29" deep

CE Compliance

- Conforms to EEC Directives on EMC and Safety



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