



H3160 HYBRID STORAGE / PROCESSOR ENGINE

The
Partnership
For
Success



High Performance, High Capacity Hybrid Storage and Processor Server

Designed for core network operation in the most demanding of networks, these fast and reliable, combined server and storage devices will provide you with high availability and cost effective computing that will grow with your requirements over time.

Available in either SATA II, SAS or SCSI, this 3U Hybrid Server is capable of 16TB of redundant storage and is able to support up to an 16 way Xeon CPU with up to 32GB of 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. 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

- 3U Rack-mount Chassis
- 16 Hot-Swap Drive Bays
- Up to 16 way Xeon CPU
- Supports up to 32GB RAM
- 2 x 1GB LAN
- Dual 10 Gigabit Optical Multimode Ethernet options
- 16,000GB (16TB) of Redundant Storage
- RAID levels 0,1,3,5,6,10,50 or Single Disk and JBOD
- Over 800MB/sec Data Access
- Dual Hot-Swap Redundant Power Supplies
- Available in SATA II, SCSI or SAS
- RAID, Temperature, PSU and Fan monitoring

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 existing system please contact your reseller or call Oakford Technology on the details above.

www.oakforduk.com

Technical Specification

Processor Options

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

Main Memory

- 2–32GB RAM
- Dual 64bit DDR II Channels

Storage Engine

- Up to 16TB of Storage Capacity
- 2–16 SATA II, SCSI or SAS Hard Drives
- 64 bit High Performance RAID Engine
- Supports RAID 0, 1, 3, 5, 6, 10, 50 and Single Disk or JBOD
- 256MB RAID Cache

Network

- Single or Dual Gigabit Copper Ethernet
- Expandable to 8 x Gigabit Ethernet Connections
- Single or Dual 10 Gigabit Option

Chassis Features

- Triple Hot Swap Monitored Fan Modules
- Air flow front to rear
- Auto Ranging (100 to 240V) 950W Redundant Hot Swap AC Power Supplies
- Dual Power Input Cords
- Power consumption typically around 550W

Environmental

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

Physical

- 22KG excluding hard drives
- 3U 19" rack chassis, 444mm wide x 133mm high, 712mm deep

CE Compliance

- Conforms to EEC Directives on EMC and Safety

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