

HS216i

IT's Personal

The HS216i delivers high density storage in a 3U rack-mount form factor. It features high-efficiency (over 85%), 800-watt redundancy power supplies, an optimised cooling system design for 100% cooling redundancy, the latest in serial-ATA RAID technology from AMCC storage (3ware) and the next generation Intel® chipset with support for Xeon® 5300 Quad Core® processors.

Key Features

◆ RAID 6 Performance

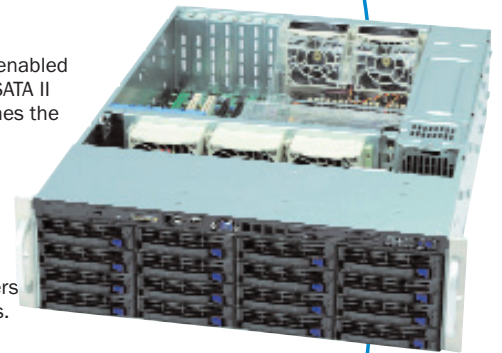
3ware's parallel XOR RAID 6 parity generation algorithm maximizes RAID 6 throughput, so that RAID 6 enabled 9650SE controllers deliver unequalled RAID 6 performance. The 3ware 9650SE-16ML PCI Express to SATA II RAID controller delivers over 800MB/sec RAID 6 reads and exceeds 600MB/sec RAID 6 writes, outshines the competition as the new standard bearer for RAID 6 performance

◆ Dense Storage - Thin Chassis

Supports up to 12 terabytes of storage capacity when deployed with 16 hot-swap 750 GB SATA drives all in just 3U of rack space!

◆ Cost Effective

With up to 16 high-capacity, cost-effective SATA hard drives in just 3U or rack space, the HS216a delivers reliable high-speed storage at a fraction of the cost when compared with equivalent SAS/SCSI products.



Specifications

◆ RAID Controller

3ware 9650SE-16ML PCI-Express to SATA II RAID controller

◆ Base Board

Supermicro X7DVL-E motherboard with Intel 5000V (Blackford VS) Chipset

◆ Processor

Dual Intel® 64-bit Xeon® Quad-Core™ or Dual-Core™, with 667 / 1066 / 1333 MHz FSB

◆ Memory

Up to 16GB DDR2 667 & 533 SDRAM Fully Buffered DIMM (FB-DIMM)

◆ Network

Intel® (ESB2/Gilgal) 82563EB Dual-port Gigabit Ethernet Controller

◆ Display adapter

ATI ES1000 Graphics with 16MB video memory

◆ PCI Expansion Slots

- 2 x8 PCI-e slots
- 1 x4 PCI-e (in a x8 physical slot) PCI-X
- 2x 64-bit 133/100MHz PCI-X (3.3V) slots
- PCI
- 2x 32-bit 33MHz PCI (3.3V) slots

◆ IPMI Expansion

IPMI 2.0 expansion slot (with SIM support)

◆ Drive/Peripheral Bay Expansion

16 3½" Hard Disk Bays
One slim 5¼" peripherals bay (used by optional CD/DVD Drive)

◆ CD/DVD-ROM

Internal slim CD/DVD Drive

◆ External ports

- Two stacked USB connectors on rear of chassis
- PS/2 for Mouse and Keyboard, 8240A-compatible
- Two RJ45 LAN Ports

◆ Power Supply

800W Redundant Power Supply

◆ System Cooling

3 x 8cm Hot-swappable Fan
2 x 8cm Rear-exhaust Fan

◆ Server Management

Free software tools supplied with the server to allow for easy management via the web/CLI allowing you to control and monitor your server from anywhere and anytime.

- 3Ware BIOS Manager 2 (3BM2), 3Ware

Disk Manager 2 (3DM2) and a scriptable CLI for RAID management, monitoring and status.

- Health Monitoring - CPU and System temperatures, System voltages, CPU and Chassis Fans, Chassis Intrusion & Redundant Power Failure

◆ System Dimensions (H x W x D)

3U Rackmount - 5.2" x 17.2" x 25.6"

◆ Standard Warranty

3 Years on-site with next business day response. Additional options are available; please speak to your account manager.

◆ Environment

Ambient Temperature:

- Operating -10 °C to +35 °C
- Non-operating -40 °C to +70 °C

Relative Humidity:

- Humidity Range 8 - 90% non-condensing
- Non-Operating Humidity Range 5 -95% non-condensing.



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