EliteNAS EN316W+BXE

3U 16-Bay WSS 2008 64 bit Edition NAS + iSCSI Unified Storage w/ Expansion

Overview

The **EliteNAS EN316W+BXE** is a comprehensive feature-dense 3U 16-bay 64-bit NAS + iSCSI rackmount with a 4.8GT/s QuickPath Interconnect Intel Nehalem Xeon Quad-Core processor and 4GB DDR-3 ECC memory (upgradable to 24GB DDR-3). The EN316W+BXE is a performance tuned NAS+iSCSI server designed with hardware RAID protection and dual Gigabit Ethernet, capable of unlimited clients with network share, and supports in IP SAN storage. The built-in SAS expander feature allows expansion of up to 7 additional EliteSTOR SAS Expander JBOD storage units, up to a maximum of 120 drives, making a total of 408TB total storage in a network sharing or iSCSI envirnoment. With 48TB in a single rackmount, the EN316W+BXE is capable of fulfillng the most demanding storage needs.
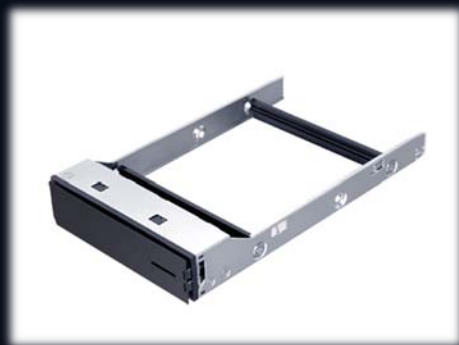
Features

- Dual Gigabit and RAID Hard Drives Protection
- SAS Expander support for storage expansion
- Support 6G SAS or SATA III 3TB hard drives
- Hardware RAID support up 0, 1, 3, 5, 6, 10, 30, 50 and 60
- Build-in Snapshot, Folder Replication and iSCSI
- iSCSI Support for VMware and Microsoft Hyper-V
- Optional NAS to NAS Automatic Server Failover and Mirroring
- 10Gb Network Interface Controller Option for 10GbE Network Support

Specifications

Model	EN316W+BXE
Form Factor	3U Rackmount
Processor	Intel Nehalem Xeon Quad Core 4.8GT/s QuickPath Interconnect
Memory	4GB DDR-3 ECC Memory; Operate-in Triple Channel mode

	(upgradable to 24GB DDR-3)
RAID Level	Hardware RAID 0, 1, 1+0, 3, 5, 6, 30, 50, 60 with global or dedicated hot-spare
Expansion port	Mini-SAS (SFF-8088) * 1 Up to 7 units of 6G SAS JBOD
Maximum Capacity	48TB (Expandable to 408TB)
Hot-Swappable	Yes
Chipset	Intel X58 Chipset
Network	On-board 2 x 1000/100/10 (Intel® 82574L Gigabit Ethernet Controllers) Supports Teaming over 2 ports, 802.11ad, ALB
Hard Drives	6G SAS or SATA III x 16 (supports latest 3TB drives)
Power Supply	650W 2+1 Hot-Swappable Redundant
Status Indicators	Power and Overheat / FAN Fail LEDs HDD Power and Activity LED
Dimension (in)	5.25"(H) x 19"(W) x 28"(D)
Weight (lb)	75lb
Certifications & Compliance	FCC, CE, UL, RoHS
Limited Warranty	3 Years

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