

EliteNAS EN850W+BXE

8U 50 Bay WSS 2008 NAS + iSCSI Rackmount w/ Expansion



Overview

The EliteNAS EN850W+BXE NAS / iSCSI Unified Storage is a comprehensive feature-rich 8U 50-bay NAS rackmount with Dual Intel Nehalem Xeon Quad-Core, 4.8GT/s Quick Path Interconnect processor, and 8GB DDR-3 ECC memory (upgradable to 48GB). Based on Microsoft Storage Server 2008, the EN850W+BXE is a performance tuned NAS server with iSCSI initiator and target support, unified file-level based and block-level based access in the storage. Advance storage technologies such as file duplication (SIS, Single Instant Storage), replication (DFSR, Distributed File System Replication) and snapshot (VSS, Volume Shadow Copy Services) are provided without additional cost. Built-in hardware RAID 50 and 60 protections, up to 150TB of storage capacity, and quad Gigabit Ethernet ensures optimal performance in your storage environment. Built-in hot-swappable redundant power supplies, along with the RAID 1 for OS hard drives, minimize system down time. With industry's first built-in mini-SAS expansion ports, the EN850W+BXE allows expansion of up to 14 more addition EliteSTOR ES316X6+B 3U 16-bay 6G SAS JBOD storages, or total of 244 drives, making a total of 870TB storage in a network sharing or iSCSI environment.

Features

- Quad Gigabit and RAID Hard Drives Protection
- SAS Expander support for storage expansion
- 8GB ECC DDR-3 memory in Triple Channel (upgradable to 48GB)
- Supports the latest 6G SAS or SATA III hard drive (up to 3TB). Up to 870TB of storage capacity
- Hardware RAID support up to 60 including RAID 0,1,3,5,6,10,30,50 and 60 for advance data protection in large number of hard drive deployments
- Feature Rich Network Storage - Built-in De-duplication, Snapshot, Folder Replication and iSCSI
- iSCSI for Hyper-V Host and Guest
- Additional Storage Expansion
- 10Gb Network Interface Controller Option for 10GbE Network Support

Specifications

Model	EN850W+BXE
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Form Factor	8U Rackmount
Processor	Dual Intel Nehalem Xeon Quad Core 4.8GT/s QuickPath Interconnect
Memory	8GB DDR-3 ECC Memory; Operate-in Triple Channel mode (upgradable to 48GB)
RAID Level	Hardware RAID 0, 1, 1+0, 3, 5, 6, 30, 50, 60 with global or dedicated hot-spare
RAID Configuration	2 x 1200 MHz Hardware RAID controller
Maximum Capacity	150TB
Expansion Slot	Mini-SAS (SFF-8088) * 2 Up to 14 units or 244 total drives per expansion port
Hot-Swappable	Yes
Chipset	Intel X58 Chipset
Network	On-board 4 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 50 (up to 3TB)
Power Supply	1350W Hot-swap redundant power supply
Status Indicators	Power and Overheat / FAN Fail LEDs ; HDD Power and Activity LED
Dimension (in)	14"(H) x 19"(W) x 31"(D)
Weight (lb)	150lb
Certifications & Compliance	FCC, CE, UL, RoHS
Limited Warranty	3 Years

