

EliteNAS

EN212L+BXE



>> 2U 12-bay 64-bit NAS + iSCSI rackmount with Fibre Channel Option.

Overview

The EliteNAS EN212L+BXE is a comprehensive feature-dense 2U 12-bay 64-bit NAS + iSCSI + Fibre Channel (via optional add-on) unified / hybrid storage rackmount with a 4.8GT/s Quick Path Interconnect Intel Westmere Xeon Quad-Core processor and 4GB DDR-3 ECC memory. The EN212L+BXE is a performance tuned NAS + iSCSI + Fibre Channel storage designed with hardware RAID protection and dual Gigabit Ethernet, capable of unlimited clients with network share, and support in IP / FC 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 480TB total storage in a network sharing or iSCSI / Fibre SAN environment. With 48TB in a single rackmount, the EN212L+BXE is capable of fulfilling the most demanding storage needs.

SAS Expander support for storage expansion

Optional SAS expander module upgrade kit allows it to connect to 7 additional SAS expander JBODs (EliteSTOR ES208X+BE, ES316X+B or ES424X+B), or up to 120 total drives for 480TB total storage. (Optional Gateway License Required)

Optional NAS to NAS Automatic Active Cluster Mirroring

Active Cluster Mirroring (ACM) is optional feature used to bind two EliteNAS servers as one, so data is written to both systems simultaneously. At the same time, automatic fail-over is supported in case of primary system is fails. Clients attached to the primary NAS server can be serviced by the secondary server and will not notice the fail-over process when the secondary EliteNAS takes over to provide high availability redundancy. Supported up to 4 units.

Hardware RAID support up to 60

Supports latest RAID levels, including RAID 0, 1, 3, 5, and 6 for advanced data protection in large numbers of hard drive deployments. Optional expansion kit will add support of 10, 30, 50 and 60.

Features

- Supports IPV6 for more flexibility in allocating IP addresses and efficiency for routing web traffic.
- OS mirroring along with the new management GUI interface.
- Maximum number of local user accounts: 60,000
- Remote Monitoring and Remote Email Notifications.
- Supports local folder creation under each root network share
- Windows ADS / PDC / Workgroup supported.
- Highly efficient OS based on 64 bit Operating Systems.
- Feature Rich Network Storage with built-in Snapshot, Folder Replication and iSCSI target support.

SPECIFICATION

Model	EN212L+BXE
Form Factor	2U Rackmount
Processor	Intel Xeon Quad Core 4.8GT/s
Memory	4GB DDR3
RAID Level	0, 1, 1+0, 3, 5, 6, 30, 50, 60
Maximum Capacity	48TB
Expansion Slot	Mini-SAS (SFF-8088) * 1 Up to 7 units or 120 total drives
Hot-Swappable	Yes
Network	On-board 2 x 1000/100/10 Supports Teaming over 2 ports, 802.11ad, ALB
Hard Drives	SATA or SAS
Status Indicators	Power and Overheat / FAN Fail LEDs HDD Power and Activity LED
Power Supply	380W Hot-swap redundant power supply
Dimension (in)	3.5"(H) x 19"(W) x 28"(D)
Weight (lb)	57
Safety Regulations	CE, FCC, UL, RoHS
Limited Warranty	3 Years