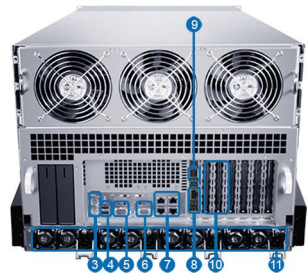


8U 48-Bay NAS + iSCSI Intel Xeon Quad Core HW RAID 6 Server Expansion Option

The EliteNAS EN850W12 NAS / iSCSI Unified Storage is a comprehensive feature-rich 8U 48-bay NAS rackmount with Dual Intel Xeon Quad-Core processor and 8GB ECC memory. Based on Microsoft Storage Server 2012 R2, the EN850W12 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 de-duplication (SIS, Single-Instance Storage), replication (DFSR, Distributed File System Replication) and snapshot (VSS, Volume Shadow Copy Service) are provided without additional cost. Built-in hardware RAID 5 and 6 protections, with up to 384TB of total 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, ensure minimum downtime. With industry first built-in Mini-SAS HD 12G SAS expansion port, the EN850W12 allows expansion of up to 7 more addition EliteSTOR SAS Expander JBOD storage units, or a total of 122 hard disk drives in a network sharing or iSCSI environment.

Features:

- Quad Gigabit and RAID Hard Drive Protection
- Supports hardware RAID 0, 1, 1+0, 3, 5, 6, 30, 50, 60, JBOD With Hot Spare
 - SAS Expander support for storage expansion
- Feature Rich Network Storage – built-in Snapshot, Folder Replication and iSCSI
 - iSCSI Support for VMware and Microsoft Hyper-V
 - Optional NAS-to-NAS Active Cluster Mirroring (ACM)
 - Optional 10GbE Network Interface Controller
- Optional 8/16G Fibre Channel Controller and Fibre Target Support



1. Power/Reset Button
2. LED Alarm/Power/Networks
3. PS/2 Keyboard/Mouse
4. USB 2.0 x2
5. RS-232 serial
6. VGA

7. Quad Gigabit Ethernet
8. Ethernet Port RAID Controller
9. SAS Expander - 12G
10. PCI Express Option: 10G/FC
11. Power Connector/Redundant Power

Specifications:

- Form Factor:

8U Rackmount

- Processor:

Intel Xeon Quad Core E5 CPU x2

- Memory:

16GB DDR-4 ECC Memory (Upgradeable To 128GB)

- RAID Level:

HardWare RAID 0, 1, 5, 6, 10, 50, 60, JBOD With Hot Spare

- Maximum Capacity:

384TB

- Available Expansion Slot:

USB 2.0 x2

- Hot-Swappable:

Yes

- Network:

Quad Gigabit Ethernet on-board (supports teaming, 802.3ad, ALB)

- Hard Drives:

48x SATA/SAS/SSD Hot Swappable

- Cooling Fans:

4x Internal; 1x CPU/Chipset

- Power Supply:

1500W Redundant Power Supplies

- Status Indicators:

Power LED, Overheat/FAN Fail LEDs, HDD Power and Activity LED

- Dimensions (In) & Weight (lb):

14"(H) x 19"(W) x 31"(D) - 150lbs

- Certificates:

CE, FCC, UL, RoHS

- Limited Warranty:

3 Years