SANS DIGITAL

EliteNAS
EN872W12
Windows Storage Series - Server 2012 R2
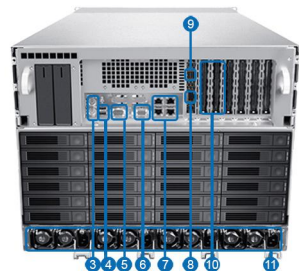
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8U 72-Bay NAS + iSCSI Intel Xeon Quad Core HW RAID 6 Server Expansion Option

The EliteNAS EN872W12 NAS / iSCSI Unified Storage is a comprehensive feature-rich 4U 36-bay (24 front +12 back) NAS rackmount with Intel Xeon Quad-Coreprocessor and 8GB ECC memory. The high density design allow front and back design in a 4U enclosure, allowing total 36 drives within 4U enclosure. Based on Microsoft Storage Server 2012 R2, the EN872W12 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 576TB 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 EN872W12 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

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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:	
576TB	
● Available Expansion Slot:	
USB 2.0 x2	
● Hot-Swappable:	
Yes	
● Network:	
Quad Gigabit Ethernet on-board (supports teaming, 802.3ad, ALB)	
● Hard Drives:	
72x 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) - 180lbs	
● Certificates:	
CE, FCC, UL, RoHS	
● Limited Warranty:	
3 Years	