

3U 16-Bay NAS + iSCSI Intel Xeon Quad Core HW RAID 6 Server Expansion Option

The EliteNAS EN316L12 with 64-bit Linux operating system is a comprehensive, feature-dense 3U 16-bay NAS + iSCSI rackmount with Intel Xeon Quad Core processor and 8GB DDR-4 ECC Memory (upgradable to 64 GB). The EN316L12 is a performance tuned NAS+iSCSI server designed with hardware RAID protection, Quad Gigabit Ethernet and supporting unlimited clients for network share and IP SAN. Built-in SATA/SAS/SSD RAID 60 supports up to 128TB total storage capacity, and an optional SAS expander feature allows expansion of up to 7 additional EliteSTOR SAS Expander JBOD storage units (maximum of 128 drives) in a network sharing or iSCSI environment. Optional expansion modules also add support to SAS hard drives, allowing support for both high capacity SATA drives as well as high performance SAS drives. With 128TB in a single rackmount, the EN316L12 is capable of fulfilling the most demanding storage needs.

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. USB 2.0 x2
2. RS-232 serial
3. LED Alarm/Power/Networks
4. Power/Reset Button
5. Power Connector/Redundant Power
6. RS-232 serial
7. USB 3.0 x2

8. IPMI Lan
9. USB 2.0 x2
10. Quad Gigabit Ethernet
11. VGA
12. Ethernet Port Raid Controller
13. SAS Expander
14. PCI Express Option: 10G/FC

Specifications:

- Form Factor:

3U Rackmount

- Processor:

Intel Xeon Quad Core E3-1240 V5

- Memory:

8GB DDR-4 ECC Memory (Upgradeable To 64GB)

- RAID Level:

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

- Maximum Capacity:

128TB

- Available Expansion Slot:

USB 3.0 x2 - USB 2.0 x2

- Hot-Swappable:

Yes

- Network:

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

- Hard Drives:

16x SATA/SAS/SSD Hot Swappable

- Cooling Fans:

4x Internal; 1x CPU/Chipset

- Power Supply:

1000W Redundant Power Supplies Platinum Level (96%)

- Status Indicators:

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

- Dimensions (In) & Weight (lb):

4.25"(H) x 19"(W) x 28"(D) - 42lbs

- Certificates:

CE, FCC, UL, RoHS

- Limited Warranty:

3 Years