



3U 16 bay Thunderbolt™ 2 Storage and PCIe Expansion

- ▶ Thunderbolt™2 interface with up to 20Gbps throughput
- ▶ Solid 3U 16-bay rackmount chassis
- ▶ Supports sixteen (16) SAS/SATA (6G/3Gbps) HDD Trays
- ▶ Supports up to 3 PCIe slots for RAID card, Fibre Channel HBA/10G networking card, and any standard PCIe add-on cards with Thunderbolt™ Aware's Driver.
- ▶ Individual key lock on each HDD tray for physical security
- ▶ Server-grade redundant power supply for zero-down-time

Overview

Netstor new NA333TB is the first Thunderbolt™2 rackmount solution combined with storage and PCIe expansion function ideal for video editors and video professionals who use the Thunderbolt-equipped concise form-factor computers such as Mac Pro 2013, Mac mini, iMac, MacBook Pro for their work. The storage is designed to be immediately converted into a RAID subsystem providing various RAID levels such as RAID 0, 1, 10, 3, 5, 6, 30, 50, 60, and JBOD for high-performance and maximum data protection as any standard SAS/SATA 6G/3G PCIe RAID card with Thunderbolt driver is installed inside.

Transforming Small System into Powerful One

The 3U 16-bay NA333TB enclosure uses Intel's latest Thunderbolt™2 technology featuring ultra-fast I/O performance 20Gbps for any host with Thunderbolt port, and ultra-flexibility to daisy-chain up to six Thunderbolt devices including a display via single Thunderbolt chain. Through the PCIe expansion function of the NA333TB, any PCIe add-on cards including RAID card, video capture card (e.g. Red Rocket card), Fibre channel or 10G network interface card, and audio/graphics accelerator card is able to be Thunderbolt-enabled and empowered to accomplish tasks in all fields.

Making High Speed SAN Available to Mac mini Server

Any Fibre Channel HBA or 10G network interface card with Thunderbolt Aware driver can be installed inside the 3U 16-bay enclosure to make SAN available to Mac mini Server. By the network interface card inside NA333TB and the Xsan software on Mac mini Server, video editors of work-group in collaboration are able to request and share data immediately through the high-speed Fibre Channel or 10G Ethernet SAN network.

Performance

Note : 1. RAID card is excluded in standard package.
2. The performance may vary due to the different computer, RAID card, HDD,.....etc

Specifications

| Model | NA333TB |
|---------------------------|--|
| Host Interface | Thunderbolt™2 (Dual Port for Daisy Chain) |
| Data Transfer Rate | 20Gbps Bi-directional |
| HDD Interface | SAS/SATA (6G/3Gbps) |
| No. of Disk(s) | Up to 16 (For 3.5" HDD & sold separately) |
| RAID Levels | Requires a RAID card with internal 16 port and Thunderbolt driver(RAID card sold separately) |
| PCIe Slot Expansion | Two PCIe2.0 x8 and One PCIe2.0 x4 |
| Thunderbolt Expansion | Up to Six Thunderbolt devices |
| LED Display for Enclosure | Fan normal - green; Fan failure - red Temp. normal - green; Temp. over 50°C - red |
| LED Display for each Tray | White - Power On Indicator Flash Blue - HDD Accessing Indicator Red - HDD Failure Indicator |
| Alarm | Mutable buzzer beeping for fan failure or over temperature occurs |
| Material | Heavy-duty cold-rolled steel Housing |
| Power Supply | 500W Redundant PSU (High-Efficiency & Low Noise) Input: 90-230 VAC/50-60 HZ Output: +5V and +12V |
| Dimension | 559(D) x 482(W) x 131(H) mm 22 (D) x 19 (W) x 5.16 (H) inch |
| Cooling | Three 90 x90 x25 mm |
| System Support | New Mac Pro, MacBook Pro, iMac, Mac mini, Mac mini Server with a Thunderbolt port |
| O.S. Support | Mac OS X 10.6.x/ 10.7.x/ 10.8.x/ Mavericks |
| PCIe card Driver Request | Third-party PCIe card should support Mac OS with Thunderbolt aware's driver |
| PCIe card Size Available | Full length and full height PCIe card |
| Storage Temperature | -10 to 50°C (14 to 122°F) |
| Operating Temperature | 5 to 40°C (41 to 104°F) |
| Relative Humidity | 20 to 80% (non-condensing) |