



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

The CB-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 CB-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 CB-NA333TB, any PCIe add-on cards including RAID card, video capture card (e.g. Red Rocket card), Fiber 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 CB-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, HDQ... etc

Specifications

Model	CB-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 Material	Mutable buzzer beeping for fan failure or over temperature occurs
Power Supply	Heavy-duty cold-rolled steel Housing 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)