TowerRAID TR8X+BP

8-Bay 6G SAS / SATA RAID 5 Storage Enclosure w/ 6G PCIe 2.0 x8 card (Black)

Overview

The **TowerRAID TR8X+BP** is an 8-bay RAID 5 tower with mini-SAS connection for high transfer rates of up to 860MB/s. The TR8X+BP is bundled with a high-performance RAID controller card (RR2722, PCIe 2.0 x8 6G RAID controller) that offloads complicated RAID calculations from the computer to lower CPU utilization. High performance could be achieved with a lower cost of ownership compared to RAID embedded subsystems. RAID setup and maintenance could be controlled via built-in web browser interfaces, and the unit is supportive of e-mail notification and real-time event log. Utilizing high bandwidth mini-SAS (SFF-8088) cabling, the TR8X+BP supports 6Gb/s SAS or SATA hard drives to deliver superior read / write speeds that are crucial in performance-driven environments such as video editing industry and high performance computer. The mini-SAS connection connects eight hard drives connections into two ports, reducing possible points of failures, while preserving uninterrupted data transfer. The TR8X+BP also supports SATA drives, allowing users the option to choose between high performance and high capacity storage solutions. Windows, MAC, Linux and VMware ESX/ESXi 4.0 or 4.1 are supported.

Features

- Complete RAID storage solutions, no extra component needed.
- Supports eight 3.5-inch 6G SAS or 6G SATA hard disk drives.
- PCIe 2.0 x8 6G controller allows the offload of RAID calculation to controller card.
- Supports RAID 0, 1, 1+0, 5 and JBOD with hot spare.
- Easy to setup Web-browser interface.

- High Performance delivery over 860 MB/s read & write performance in RAID 5.
- Cable-less backplane design supporting the hot-swap of SATA and SAS 6G hard drives with removable trays.
- Supports plug & play for easy installation.
- Compact enclosure with dust-free cover.
- Supports PC, MAC and Linux. VMware ESX/ESXi 4.0 supported.

Specifications

Model	TR8X+BP
Form Factor	Compact Tower
HDD Trays	8 Hot-Swappable 3.5"
RAID Level	0, 1, 1+0, 5, and JBOD (w/ Hot Spare)
Maximum Capacity	32TB
Host Interface	Mini-SAS (w/ PCIe 2.0 x8 6G RAID Controller)
Drive Interface	3.5" SATA or SAS
Control Interface	Web Based Interface
Cooling Fan	4.7" Ball Bearing
Power Supply	300W (90V-264V)
Status Indicators	Status and Power LEDs
Dimension (in)	5.9"W x 13.4"H x 13.4"D
Weight (lb)	13 lb
Safety Regulations	CE, FCC, UL, RoHS
Limited Warranty	2 Years
Package Contents	TR8X+BP (1) Hard Drive Trays (8) RR2722 PCIe 2.0 x8 6G RAID controller (1) Power Cord (1) Mini-SAS to Mini-SAS Cable (2) Screws (1 set) Quick Installation Manual & CD (1)