TowerRAID TR8X+HP

8-Bay SAS / SATA RAID 6 Storage Tower with RAID Controller (Silver)

The **TowerRAID TR8X+HP** is a 8-bay RAID 6 tower with mini-SAS (SFF-8088) connection for high transfer rates of up to 980MB/s. The TR8X+HP is bundled with a high-performance RAID controller card that offloads complicated RAID calculations from the computer or the enclosure to the delicate RAID engine. 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 SNMP trap. Utilizing high bandwidth 2400MB/s mini-SAS (SFF-8088) cabling, the TR8X+HP supports 6G SAS or 6G SATA hard drives to deliver superior read / write speeds that are crucial in performance-driven environments such as video editing industry. The mini-SAS connection combine eight hard drives connections into two ports, reducing possible points of failures, while preserving uninterrupted data transfer. The TR8X+HP also supports SATA drives, allowing users the option to choose between high performance and high capacity storage solutions.

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 controller allows the offload of RAID calculation to controller card.
- Supports RAID 0, 1, 1+0, 3, 5, 6, 30, 50, 60 and JBOD with delicated or global spare.
- Easy to setup Web-browser interface.

- High Performance delivery over 980MB/s read write performance.
- Cable-less backplane design supporting the hot-swap of SATA and SAS hard drives with removable trays.
- Supports plug & play for easy installation.
- Compact enclosure with dust-free cover.
- Supports PC, MAC, Linux, VMware, FreeBSD and Solaris.

Specifications

Model	TR8X+HP
Form Factor	Compact Tower
HDD Trays	8 Hot-Swappable 3.5"
RAID Level	0, 1, 1+0, 3, 5, 6, 30, 50, 60 and JBOD (w/ Hot Spare)
Maximum Capacity	32TB
Host Interface	Mini-SAS (w/ PCIe 2.0 8x Controller)
Control Interface	Web Based Interface
Drive Interface	3.5" SATA or SAS
Cooling Fan	4.7" Ball Bearing
Power Supply	250W (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