

Transduction

Internal RAID1/RAID0 Disk Array

TR-PD3500+

TR-PD3500+ Fault-Tolerant Hard Disk Array



Features

- Fault-tolerant hard disk array machine with RAID 1 and RAID 0.
- Hard disk modules can accommodate either 3.5" HDD and/or 2.5" SSD.
- Easy to install and hot-swappable while power is on.
- Built-in disk array SR2045 chip performs hardware array at fast speeds with zero-delay and real-time backup.
- Includes software monitoring program to easily view hard disk status.
- Sends email warning when one drive fails.
- Convenient and secure extractable hard disk module with safety lock.
- 6-cm fan provides heat dissipation and maintains normal operating temperature at all times.
- Reliable cost effective data storage and easy backup for industrial automation, voice response systems, telecommunications and accounting.

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Specification

Model

- TR-PD3500+

Storage Capacity

- 8TB RAID1, 16TB RAID0

Interface

- 3Gbps SATA-II 1 port (3.5" RAID modules)
- 6Gbps SATA-III 1 port (2.5" HDD/SSD)

Compatible Drives

- 2 x 3.5" SATA HDD + 1 x 2.5" SATA HDD/SSD, including Western Digital 10,000RPM Black Drives

Storage Mode

- RAID 1 or RAID 0 (3.5" RAID module) + independent volume (2.5" HDD/SSD)

System Monitoring

- Drive and data rebuilding failures, system temperature, fan failure and hard drive failure

Electrical & Operating Requirements

- Maximum continuous power 60W
- Operating temperature: 0°C - 50°C, 60°C for 2 hours (32°F - 122°F, 140°F for 2 hours)
- Storage temperature: -20°C - 75°C (-4°F - 167°F)
- Relative humidity: 10% - 90% non-condensing

Cooling

- 1 x 6cm (2.36") low noise fan

Dimensions

- 148mm (W) x 84mm (H) x 202mm (D) (5.83" (W) x 3.31" (H) x 7.95" (D)) - two 5.25" drive bays

Weight

- 1.2kg (2.65lbs)

Package Accessories

- 1 x TR-PD3500+
- 2 x SATA cable
- 1 x internal RS232 cable
- 1 x external RS232 cable
- 1 x software CD
- Accessory kit
- User Manual

Warranty: 3 years, FOB Transduction Inc., Mississauga, ON Canada

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