

EnhanceRAID™ T8

The SCSI-to-SATA RAID Storage System

www.enhance-tech.com



Product Overview

Proudly presented by Enhance Technology, the EnhanceRAID™ T8 is a compact desktop storage system with built-in RAID engine that targets DV savvy, workgroup manager, and IT engineer. It is a preconfigured RAID storage system that wraps eight (8) SATA disks into one RAID (0, 1, 3, 5) protected volume, while connecting to the high bandwidth Ultra320 SCSI port. Re-engineered from the original T8, the new T8 system comes in a compact but sporty aluminum enclosure design that is 100mm shorter, weighs 15 lbs less, and runs 5 degrees cooler than the original T8. The EnhanceRAID™ T8 is ideal for Microsoft Exchange and SQL server, and provides the fastest, simplest, safest way to share protected data between desktops, networks and work groups.

Easy Management

EnhanceRAID™ T8 system is unparalleled in its simplicity, easy of use, installation, and storage management. Our user friendly Web Graphical User Interface allows one to deploy and manage the disk array from virtually anywhere in the world with simple internet access, no additional management software ever needed. With the "Quick Install" wizard, the storage administrator can get the system up and running in a few minutes; and setting up RAID level, volume, cache, etc. can all be done and monitored through the Web GUI. The RAID 6 feature and technology by INTEL becomes the standard in T8 system.

RAID Management

- Support RAID levels 0, 1, 0+1, 3, 5, and JBOD
- Support on-line volume expansion
- Support dedicated hot spare disk
- Support multiple RAID volumes
- S.M.A.R.T. enabled

Ideal Application

- For JBOD or RAID
- Email Archives
- Data Protection
- Disk to Disk Backup (D2D)
- Digital Video Recording (DVR)
- Digital Surveillance (Security)
- Digital Audio Recording
- Desktop Publishing
- Video Editing (DV, SD, HD)
- SCSI SAN
- Virtual Tape

System Features

- **Hardware RAID** Intel 80331 500Mhz 64bit RISC Processor
- **Housing** sporty aluminum design with thumbscrews door
- **Host Bandwidth** Ultra320 SCSI at 260 MB/s transfer rate
- **Disk I/O** support 8+ Serial ATA 3.0 Gbps (SATA II) HDDs
- **Backward Compatibility** Ultra160 SCSI (Host)
- **Disk Compatibility** SATA I 1.5 Gbps
- **Hot-Swappability** 8+ removable drive tray design
- **Cooling** aluminum enclosure & dynamic venting design
- **RAID Setup** thru easy WebGUI
- **Event Notification** thru SNMP
- **Storage Capacity** up to 4.0 TB (Eight 500GB HDD)
- **Thermal** built-in fan sensor with alarm & mute button



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Model Specifications

- **RAID Engine** EnhanceRAID 320
- **Storage Processor** Intel IOP80331 500Mhz
- **Hybrid Technology** SCSI-to-SATA
- **Supported RAID Levels** 0, 1, 0+1, 3, 5, & JBOD
- **Memory** 128MB~2GB DDR333 DIMM
- **Max. HDD Supported** 8+ SATA I/II HDDs
- **Max. HDD Capacity** 750GB
- **Max. System Capacity** up to 6.0TB
- **Host Connection** 1- Ultra320 SCSI Port
- **Remote management** thru 1-Ethernet Port
- **RAID management** Web browser & SNMP
- **OS Independent & Transparent** Yes

Enclosure Specification

- **Hot-Swappability** 8 x Removable HDD Tray
- **Drive Failure** 8 LED indicator for each HDD
- **System Fan** 8cm x1 Hot-Swappable fan
- **Security** 8 x keylock for each HDD
- **Power Supply** 1+1 Hot-Swappable Redundant (2x300 Watt)
- **Temperature** built in thermal & fan sensor
- **Dimensions(H x W x D)** 11.5 " x 5.75 " x 17.5"
- **Weight (without disk)** 35 Lbs

Physical & Environment

- **Operating Temperature** 10°C ~ 35°C
- **Non-Operating Temperature** -10°C ~ 50°C
- **Relative Humidity** 5% to 95% non-condensing

RAID Features

- RAID-6 Support
- Email Event Notification
- Online Dynamic Expansion
- System Handle

Supported Operating System

- Windows 95, 98/98SE, NT, 2000, Millennium, XP, 2003
- Mac 9.1 and above, including OSX, OSX Server, XSERVE
- Mac 8.6-9.04 support possible with ATTO SCSI HBA.
- Linux (all latest builds) which support SCSI.
- And all other systems supporting SCSI protocol

Power Supply (250Watt)

- **Input Range** 100 to 240 VAC. 10%
- **Voltage** +5V/25A +12V/10A 47-63Hz
- **Agency Approval** EMI/RFI, CE, FCC B, BSMI
- **Safety** UL, cUL, CB, TUV, CCC

Manufacturer Warranty

- **System Warranty** 2 years
- **Advanced Replacement** 30 Days

To find an authorized dealer

Contact us at : info@enhance-tech.com

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