

# EnhanceRAID™ T5 IP The iSCSI-to-SATA Desktop RAID Storage

[www.enhance-tech.com](http://www.enhance-tech.com)



## Product Overview

Proudly presented by Enhance Technology, the EnhanceRAID™ T5 IP is a desktop Disk-to-Disk (D2D) Backup Appliance with built-in OS transparent RAID engine that targets SMBs, Workgroup, and Departmental backup usage. It is a preconfigured RAID storage system that wraps five SATA disks into one RAID (0, 1, 3, 5, 6) protected disk, while connecting to the high bandwidth gigabit Ethernet port. One additional 5.25" standard bay is reserved for Tape (D2D2T) or other storage media (DVD, HD, or DVD) for offline backup purpose. The EnhanceRAID™ T5 IP 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™ T5 IP 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.

## RAID Management

- Support RAID levels 0, 1, 0+1, 3, 5, 6, 10, 50, 60 and JBOD
- Support on-line volume expansion
- Support global and 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)
- iSCSI SAN
- Virtual Tape

## System Features

- **Hardware RAID** Intel 80331 500Mhz 64bit RISC Processor
- **Housing** traditional black desktop enclosure
- **Host Bandwidth** Dual GbE Ports at 180 MB/s transfer rate
- **Disk I/O** support 5+ Serial ATA 3.0 Gbps (SATA II) HDDs
- **Dual GbE** full iSCSI offload load-balancing & fail-over
- **Backward Disk Compatibility** SATA I 1.5 Gbps
- **Hot-Swappability** 5+ removable drive tray design
- **Cooling** excellent venting and cooling system design
- **RAID Setup** thru easy WebGUI
- **Event Notification** thru SNMP
- **Storage Capacity** up to 3.75 TB (Five 750GB HDD)
- **Style Handle** design for maximum data mobility (optional)



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## Model Specifications

- **RAID Engine** EnhanceRAID
- **Storage Processor** Intel IOP80331 500Mhz
- **Hybrid Technology** iSCSI-to-SATA
- **Supported RAID Levels** 0, 1, 0+1, 3, 5, & JBOD
- **Memory** 128MB~2GB DDR333 DIMM
- **Max. HDD Supported** 5+ SATA I/II HDDs
- **Max. HDD Capacity** 750GB
- **Max. System Capacity** up to 3.75TB
- **Host Connection** Dual GbE Ports
- **Remote management** thru 1-Ethernet Port
- **RAID management** Web browser & SNMP
- **OS Independent & Transparent** Yes

## Enclosure Specification

- **Hot-Swappability** 5 x Removable HDD Tray
- **Drive Failure** 5 LED indicator for each HDD
- **System Fan** 6cm x 2
- **Power Supply Fan** 8cm x1
- **Power Supply** 250Watt 110/240V auto-switching
- **Dimensions(H x W x D)** 7.5 " x 10.5 " x 17"
- **Weight (without disk)** 28lb

## 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 Level 6 & 60 Support
- Email Event Notification
- Online Dynamic Expansion

## 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 iSCSI initiator.
- And all other systems supporting iSCSI protocol

## Power Supply (250Watt)

- **Input Range** 115 to 230 VAC. 10%
- **Voltage** +5V/25A +12V/10A 50-60Hz
- **Agency Approval** CE, FCC B
- **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](mailto:info@enhance-tech.com)

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