

EnhanceRAID™ T4H CR USB2.0, FireWire 400/800 & eSATA Combo RAID Storage

www.enhance-tech.com



Product Overview

EnhanceRAID™ T4H CR is a cost effective stand-alone quad interface external desktop combo RAID subsystem. 100% hardware RAID processing and the pervasive USB, Firewire or eSATA host connectivities enable users to enjoy RAID protection with maximum portability and compatibility. The T4H CR's hardware embedded RAID engine can wrap four (4) 3.5" SATA disks into one reliable RAID-5 protected or the high-performance RAID-0 arrays. EnhanceRAID™ T4H CR is ideal for SMB backup, workgroup productivity, email archive, and provides the fastest, simplest, safest way to store protected data from DVR, desktops, networks and workgroups through FireWire, USB or eSATA connectivities.

Easy Management

EnhanceRAID™ T4H CR Combo RAID subsystem is unparalleled in its simplicity, ease of use, installation, and storage management. User can monitor the disk array and manage RAID controls with buttons on front control panel without additional management software.

High Data Availability

EnhanceRAID™ T4H CR features high-speed SRAM for streamlining data transfer and buffering, and offers RAID data protection while delivering satisfying performance for most applications with efficient I/O optimization processing intelligence. Drive failure detection, automatic drive rebuild, hot spare assignment and background rebuild functions makes it possible for users to monitor and address system conditions. In addition, the EnhanceRAID™ T4H CR supports over 2TB capacity using the eSATA connection on Windows Server 2003 or Windows Vista, which transfers to longer video recording hours, higher-resolution video in a digital video recorder, and more user accounts in a mail server. FireWire and USB connections supports 2TB or less on all available operating systems at this time.

Ideal Application

- Email Archives
- Data Protection
- Digital Video Recording (DVR)
- Digital Video Editing (DV)
- Digital Surveillance (Security)
- Digital Audio Recording
- Desktop Publishing

RAID Management

- Supports RAID levels 0, 10, 5, 5S
- Supports online bad recovery and reallocation
- Automatic fast data rebuild
- 3TB Plus capacity using eSATA on Win2003 / Win Vista
- Under 2TB capacity using FireWire or USB on all OS

System Management

- Driverless: need no driver on host side
- LED indicators for disk status
- LCD panel for operation status display
- Secure keylock for each HDD
- Password protection for access control (optional)
- Support fan and temperature monitoring
- RAID level selection by switch or LCD
- System status monitoring through front control panel LCD
- Easy RAID management using front control panel buttons



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System Specifications

- Max. Number of HDDs: 4x SATA HDDs
- Max. HDD Capacity 750GB through eSATA (Win2003/Win Vista)
- Max. HDD Capacity 500GB through FireWire or USB on all OS
- Max. System Capacity up to 3.0TB on eSATA (Win2003/Win Vista)
- Max. System Capacity under 2.0TB on FireWire or USB on all OS
- OS Independent & Transparent
- **Hot-Swappability** 4x Removable HDD Tray
- **Drive failure** 1 LED indicator for each HDD
- **System fan** 1x 8cm Hot-Swappable high speed fan
- **Status LEDs** 1x access LED for each HDD
- **Key Locked** 1 security keylock for each HDD
- **Fan-fail LED** 1x fan-fail LED
- **Mute button** 1x mute button for fan
- **Power Supply** AC Input: 100-240V
- **Dimensions (H x W x D)** 6" x 8.5" x 10.75"
- **Weight (without disks)** 9.75 Lbs

Product Highlight

- Supports USB 2.0 host interface
- Supports FireWire 400/800 host interfaces
- Supports external SATA (eSATA) host interface
- Supports SATA II (3Gbps) disk interface
- RAID monitoring through front control panel buttons

Physical & Environment

- **Operating Temperature** 0°C ~ 35°C
- **Non-Operating Temperature** -20°C ~ 60°C
- **Relative Humidity** 5% to 95% non-condensing

Package Includes

- 1 pcs 4x 3.5" SATA Desktop RAID Enclosure
- 1+ FireWire800 IEEE1394.B Cable
- 1+ USB 2.0 Cable
- 1+ eSATA Cable
- 4 pcs Hot-Swap Removable HDD Tray
- User Manual
- Accessory Box

Manufacturer Warranty

- 2 Year Parts & Labor



To find an authorized dealer worldwide

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