

# EnhanceRACK™ R4 SA

The eSATA-to-SATA Storage Array System

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



## Product Overview

The **EnhanceRACK™ R4 SA** is a cost effective stand-alone 1U 4-drive rackmount storage appliance with with four (4) external SATA (eSATA) ports for host connection that targets OEM, VAR, & storage solution providers. The EnhanceRACK™ R4 SA is ideal for SMB daily Disk-to-Disk (D2D) backup, workgroup productivity, email archive, and provides the fastest, simplest, safest way to share protected data between desktops, networks and work groups.

## High Density & Performance

With 1U 4 disks rackmount design, EnhanceRACK™ R4 Series allow you to grow capacity to 128 drives in single 32U 72" rack cabinet (32 arrays x 4 drives). With new external SATA (eSATA) connection, R4SA provide 3Gbs I/O transaction rate per channel so you grow capacity and I/O performance in single drive increments. The R4 SA is ideal for bandwidth-intensive Internet applications such as web hosting, video streaming, and mail/messaging.



## Dependable Cooling System Design

The R4 SA keeps your workloads and critical applications running with minimum hardware failure interruption through the deployment of user friendly enclosure cooling management, specifically its 4 system cooling fans and hot-swappable HDD trays. With the enclosed enclosure design, aluminum material and construction, direct airflow engineering, and rear fan implementation, this compact 1U 4 drives rackmount enclosure manage to outperform the enterprise SCSI class system in a heart beat.

## Ideal Application

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

## System Management

- Driverless: need no driver on host side
- Disk status signals for LED indicators

## Key Features...

- Built-in SATA I/II compatible backplane
- Four hot-swappable HDD drive trays
- Four ball-bearing 4cm cooling fans
- Ultra compact 1U rackmount enclosure design
- Fan-fail LED and alarm with mute button
- Four individual HDD power & status LED indicators



*Where Storage Begins*

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## Models Description

- **R4-SA** 1U 4-Drive eSATA-to-SATA Enclosure

## Disk Support

- **R4-SA** 4x SATA I/II HDD Disks
- **Max. HDD Supported** 4 x SATA I/II HDDs
- **Max. HDD Capacity** Up to 750GB as of Jun 2007
- **Max. System Capacity** up to 3.0 TB as of Jun 2007

## Host Connections

- **R4-SA** Single eSATA port for each HDD drive

## Enclosure

- **Hot-Swappable** 4 x Removable HDD Tray
- **Drive Failure** 4 x LED Indicator for Each HDD
- **Drive Failure** 1 LED indicator for each HDD
- **System Fan** 4 x 4cm System Cooling Fans
- **Status LEDs** 1 x access LED for each HDD
- **Fan-fail LED** 1 x Fan-fail LED for system
- **Mute Button** 1 x mute button for fan & temp alarm
- **Power Supply** AC Input: 100-240V

## Physical & Environment

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

## Power Supply (150 Watt)

- AC Input: 115-230V, ~6/3A, 60/50Hz
- Output: +12V/12A +5V/30A

## Package Included

- 4 pcs Hot-Swap Removable HDD Tray
- 4 pcs cooling Fan Module (Installed)
- One 150 Watt Power Supply (Installed)
- Heavy Duty Foam Protection
- Accessory Box

## 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
- Linux (all latest builds)

## Dimensions

- **(H x W x D)** 1.75 " x 17 " x 21.5"

## Weight

- 26 lbs (without disk drives)"

## Warranty

- 1 Years Manufacturer Warranty



To find an authorized dealer

Contact us at : [info@enhance-tech.com](mailto:info@enhance-tech.com)

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