

# EnhanceRAID R8™ ML / MS

Eight Drive JBOD/RAID Ready Storage System

www.enhance-tech.com



**This product is no longer available; please click here for the current model: EnhanceRAID R8MS**

## Product Overview

The EnhanceRACK R8 ML & MS is the first multi-drive rackmount enclosure to integrate the latest advances in next generation SAS/SATA disk interfaces and Multi-lane & Mini-SAS host connectivity. A Pioneer and leader in hybrid I/O technologies, Enhance Technology introduces the Rackmount R8 ML & MS Series, a host card (HBA) dependent, desktop storage system product line, developed for OEM, VAR, & storage solution providers. Rackmount ML Series are constructed with a host of hot-swap components, empowering users with capabilities normally found in enterprise-class SCSI systems.

## Increase capacity and availability...

The EnhanceRack R8 ML & MS series are built on the latest I/O technology, the **Multi-lane (ML) or Mini-SAS (MS)** connectivities, for multiple-disk configurations and superior airflow. The Enhance Technology Rackmount R8 Series comes with highly reliable, thumb screw type cable/connector that combines Eight (8) high capacity SATA or high reliability SAS disks to the broadband high performance computing environments. Available in 8 port configurations, the EnhanceRack Series is the first and only rackmount storage array helping VARs, Integrators and Resellers offer more cost effective storage options for less. The R8 ML & MS series have received a warm welcome in the Audio/Video Post-Production, Email Archiving, Graphic Design, Data Base Applications and R&D Facilities.



## Ideal Applications

- For JBOD or RAID
- Email Archives
- Data Protection
- Digital Surveillance (Security)
- Digital Audio Recording
- Desktop Publishing
- Video Editing (DV, SD, HD)

## Key Features...

- Built-in SAS/SATA II compatible backplane
- Eight hot-swappable HDD drive trays
- Redundant Power supply (Optional)
- Fan-fail LED and alarm with mute button
- Power & Status LED indicators

## System Features...

- **Housing** Compact 2U rackmount enclosure design
- **Host Bandwidth** ML / MS Infiniband at up to 400MB/bps
- **Disk I/O** 8+ Serial ATA II 3.0Gbps / Serial SCSI HDDs
- **Disk Compatibility** SATA 1.5 & 3.0 Gbps / 15K SAS Disks
- **Hot-Swappability** 8+ removable drive tray design
- **Thermal** built-in terminal and fan sensor for protection
- **Cooling** Hot-swap cooling fan & dynamic venting design
- **RAID Ready** setup through PCIe/PCI-X HBA RAID Engine
- **Storage Capacity** up to 8.0 TB (Eight 1TB HDDs)



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## Models Description

- **R8-ML** Compact 2U 8-Drive SAS/SATA-to-Multi-lane
- **R8-MS** Compact 2U 8-Drive SAS/SATA-to-Mini-SAS

## Disk Support

- **R8-ML / R8-MS** 8 Drives SAS / SATA Diskss
- **Max. HDD Supported** 8+ SATA I/II or SAS HDDs
- **Max. HDD Capacity** Up to 1TB as of March 2008
- **Max. System Capacity** Scalable up to 8TB as of March 2008

## Host Connections

- **R8-ML** 2x Multi-lane ports
- **R8-MS** 2x Mini-SAS ports

## Enclosure

- **Hot-Swappability** 8 x Removable HDD Tray
- **Drive Failure** 8 LED indicator for each HDD
- **System Fan** 8cm x 4 Ball-Bearing fan (installed)
- **Dimensions(H x W x D)** 3.5 " x 17 " x 21"
- **Weight (without disk)** 40 Lbs

## Cooling

- Everflow Model F 128025BH brushless fan
- DC 12V, 0.19 AMP

## Operating Temperature

- 10°C ~ 35°C

## Non-Operating Temperature

- -10°C ~ 50°C

## Relative Humidity

- 5% to 95% non-condensing

## Supported Operating System

- Windows 98/98SE, NT, 2000, XP, 2003, Vista, 2008
- Mac 9.1 and above, including OSX, OSX Server, XSERVE
- Linux (all latest builds)
- Other systems supporting Multi-lane/Mini-SAS connectivity

## Power Supply (Standard 250Watt & Optional Dual Redundant 350Watt)

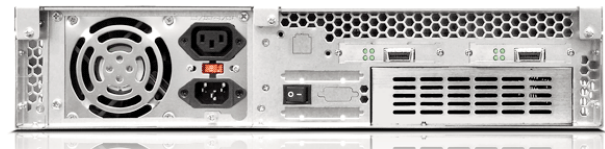
- **Input Range** 110 to 240 VAC. 10%
- **Voltage** +5V/25A +12V/10A 47-63Hz
- **Agency Approval** EMI / RFI, CE, FCC B

## Manufacturer Warranty

- **System Warranty** 3-year



RS8 MS (Mini-SAS)



RS8 ML (Infiniband Multi-lane)

To find an authorized dealer

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

Enhance Technology, Inc. Santa Fe Springs, CA 90670

Tel: 1-562-777-3488 Fax: 1-562-777-3499

Email: [sales@enhance-tech.com](mailto:sales@enhance-tech.com) Web: [www.enhance-tech.com](http://www.enhance-tech.com)