

### INTRODUCTION

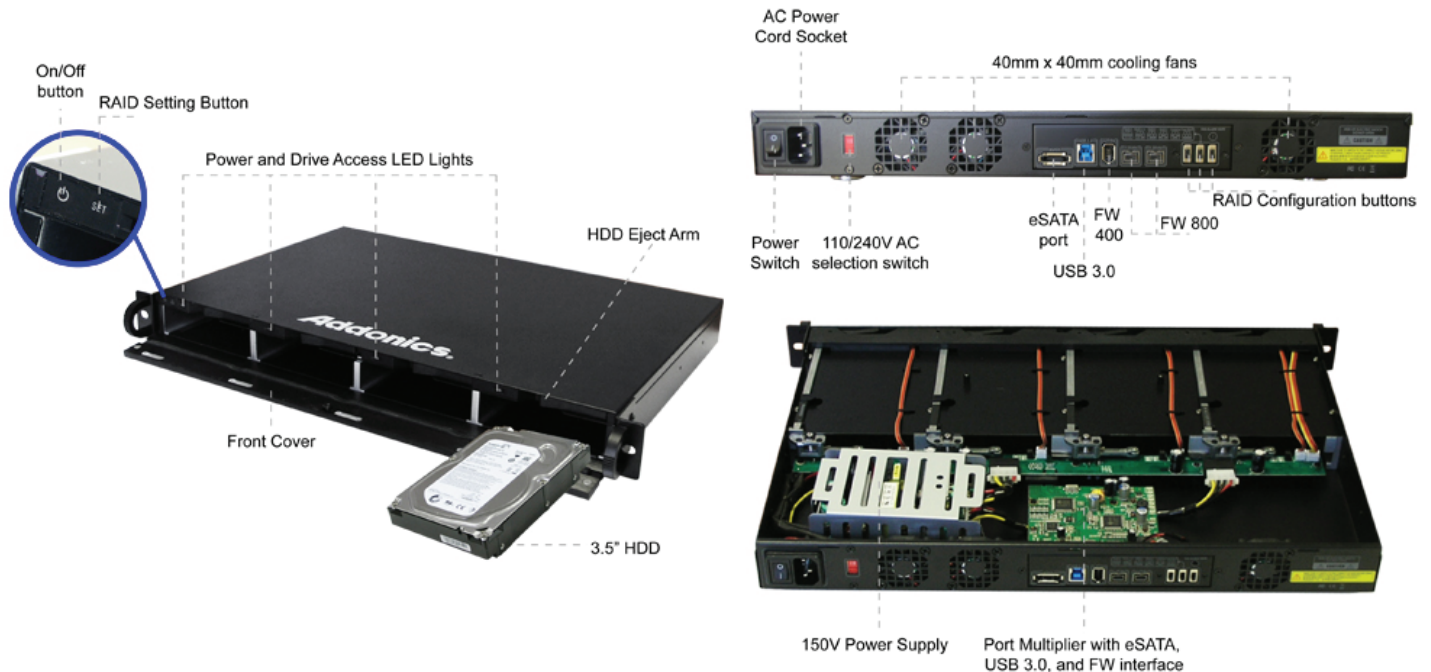
The Addonics RAID Rack is a family of 1U and 4U Rackmount chassis with removable drive systems for easily adding and removing hard drives. Comes bundled with all the necessary connecting cables for attaching to your system, these RAID Racks are designed to accommodate from four 3.5" SATA hard drive in a 1U Rack to as many as twenty 3.5" SATA hard drives in a 4U Rack. It is the ideal storage solution for video storage, storage farm or any applications that require a high capacity, reliable storage system.

You can start your RAID Rack with as little as one hard drive and expand by adding more hard drives as your storage requirement grows. Depending on the model, the hard drives can be connected to the system with eSATA, USB 3.0, mini SAS or Firewire cables. The 1U RAID Rack offers choice of models with Port Multipliers or with simple direct drive connection to system via eSATA or mini SAS cables. For the 4U RAID Rack, there is also choice of models with hot swappable redundant power supply for mission critical applications.



### About This Model

The R1MSAS is a 1U RAID Rack that accomodates as many as four 3.5" SATA hard drives (or 2.5" SATA hard drives using Addonics Snap-In 25 adapter), which are connected to a mini SAS bridge mounted on the back of the unit. All four drives are connected to a system equipped with a mini SAS connector (SFF-8088) via a single mini SAS cable. The integrated Snap-In bay provides the convenience in adding or removing drives directly like tape cartridges from each bay without any special tool.



### FEATURES

- **Connect to system via a single mini SAS cable (connecting cable included)**
- **Install up to four 3.5" SATA hard drives of any capacity (drives not included)**  
or 2.5" SATA hard drives using Addonics Snap-In 25 adapter
- Drives are added or removed directly like tape cartridge from each removable snap-in bay without any special tool
- Drives are connected inside to a mini SAS bridge, part # AD4SMSAS
- The four hard drives can be configured as RAID group via the RAID utility of the OS or the host controller
- OS independent, can be used on any system
- Individual drive configuration requires connecting to a Port Multiplier compatible controller

Components list made up this model:

1U RAID Rack with built-in mini SAS bridge and one 3-foot mini SAS cable (AAMS150)

### SPECIFICATIONS

- **Rackmount chassis**
  - 1U height
  - Constructed in heavy duty steel
  - 180 Watts 110/240 AC power supply
  - Integrated triple 40x40mm low noise cooling fans
- **Front Panel**
  - LED displays - Power, HDD Activity
  - Front accessible switches - Power On / Off
  - Four Snap-In drive bay for 3.5" SATA HDD or 2.5" SATA HDD using optional Snap-In 25 (model: AE25SN35SA)
- **Rear panel**
  - 1 mini SAS (SFF-8088)
  - AC power socket
- OS support depends on the host controller
- Weight: 9.95 lb (4.51 Kg)
- Dimensions (W x L x H): 17.19 x 11.88 x 1.75 in. (436.5 x 301.75 x 44.45 mm)
- Operating temperature and humidity: 0 - 60°C, 5 - 95% % RH non-condensing
- Storage temperature and humidity: -20 - 70°C, 0 - 90% RH

**\*Note:** The RAID RACK must be connected to a SATA controller with hot swap capability in order to add and remove drive without rebooting. Please consult your motherboard or the add-in card manufacturer to determine hot swap support on your SATA controller. All of the Addonics SATA Host Controllers are hot swap capable.