

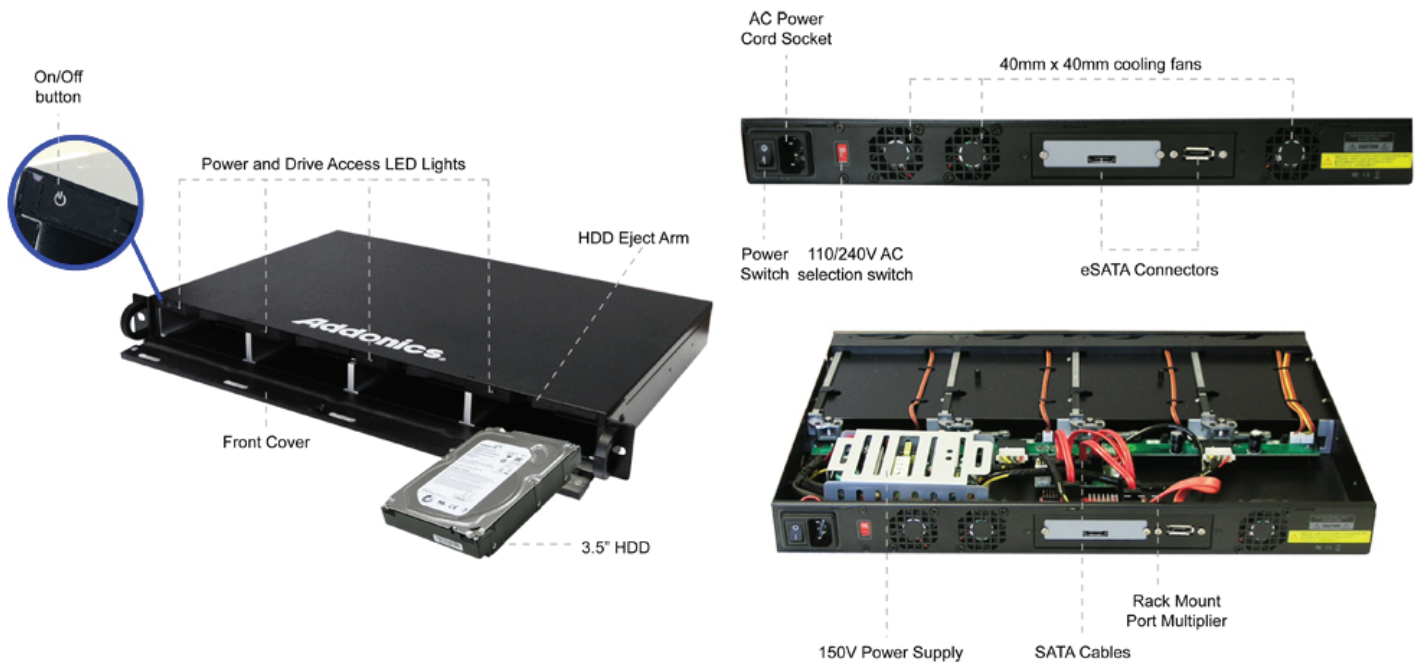
INTRODUCTION

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 R1R2ES is a 1U RAID Rack that accommodates as many as four 3.5" SATA hard drives or 2.5" SATA hard drives using Addonics Snap-In 25 adapter. Comes built-in 5-port SATA Port Multiplier, the 4 drives can be configured as a RAID group or as independent drives. A fifth drive can be added to the RAID group by attaching an external eSATA drive to the device eSATA port on the back of the unit. 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 eSATA port (connecting cables 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
- **Device eSATA port for adding another external eSATA drive to the RAID group or as a fifth individual drive**
- 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 5-port Rack mount Port Multiplier, part # AD5SARPM-E
- 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 5-port rack mounted PM and one 3-foot eSATA cable (AAESATA100C)

Options: Z drive enclosure with eSATA connection, Z5CSES

SPECIFICATIONS

- **Rackmount chassis**
 - 1U height
 - Constructed in heavy duty steel
 - 180 Watts 110/240 AC power supply
 - Three 40x40mm low noise cooling fans
- **Front Panel**
 - LED displays - Power, HDD Activity
 - Power
 - Four Snap-In drive bay for 3.5" SATA HDD or 2.5" SATA HDD using optional Snap-In 25 (model: AE25SN35SA)
- **Rear panel**
 - 2 eSATA ports
 - AC power socket
- RAID and OS support depends on 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:** For eSATA connection, 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.