

## INTRODUCTION

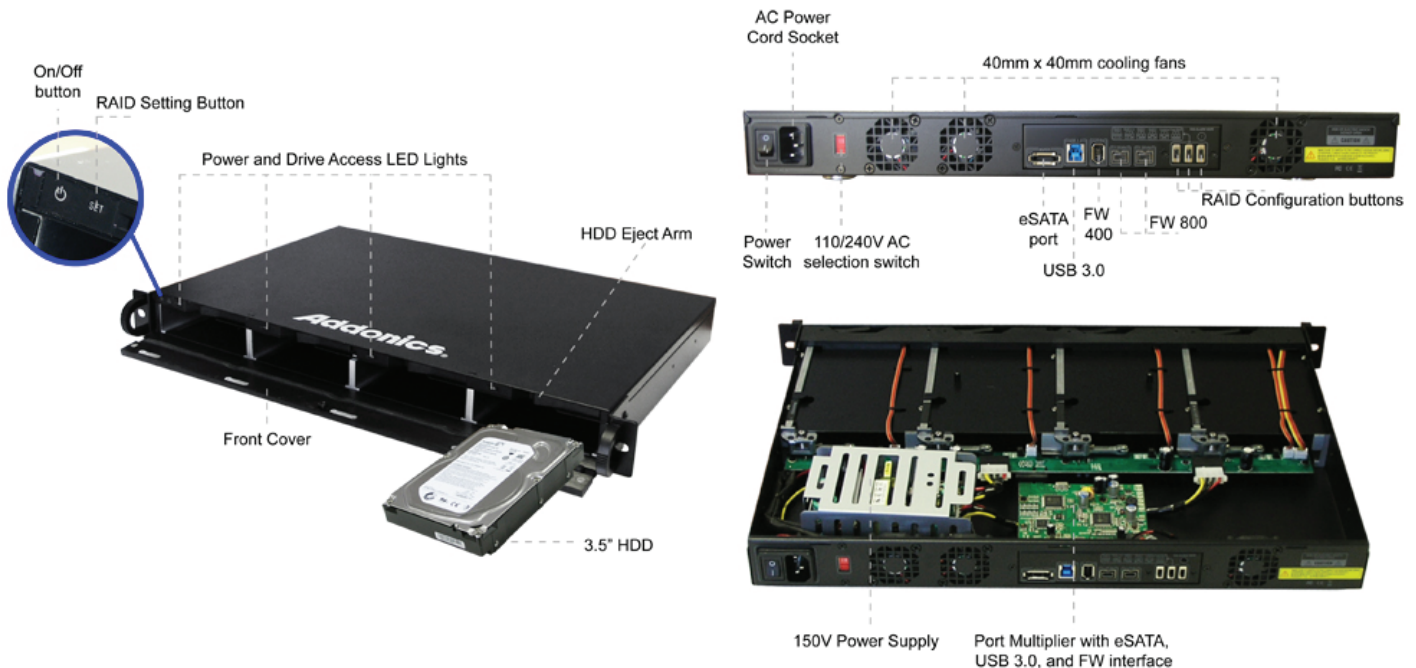
The Addonics RAID Rack is a family of 1U and 4U Rackmount chassis with removable drive systems for easily adding and removing hard drives. Comes bundled with all the necessary connecting cables for attaching to your system, these RAID Racks are designed to accommodate from four 3.5" SATA hard drive in 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 R1ESU3F 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 with eSATA, USB 3.0 and Firewire 800 connections, the 4 drives can be configured as a RAID group or as independent drives. 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 ports, USB 3.0 / 2.0 port or Firewire 800/400 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
- Drives are added or removed directly like tape cartridge from each removable snap-in bay without any special tool
- The four hard drives can be configured as RAID 0 (Striping), RAID 1 (Mirroring), RAID 3, RAID 5 (Parity), RAID 10 (Mirrored Striped), JBOD (Concatenation), Clone Mode (N-Way Mirror) using built-in hardware RAID or set as five individual drives with no RAID
- OS independent, can be used on any system
- Individual drive configuration requires connecting to Port Multiplier compatible controller, USB or Firewire port
- Configure RAID using RAID software utility or switches on the back of the unit
- Windows utility - RAID monitoring and email notification

### Components list made up this model:

1U RAID Rack built in with HPM and eSATA/USB 3.0/Firewire 800 interface, one 3-foot eSATA cable (AAESATA100C), one USB 3.0 6-foot A-B cable (AAU3AB6F), one Firewire 800 cable and one Firewire 400 cable

**Options:** NAS 3.0 adapter for sharing over the LAN or WAN

## 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, System Reset
- 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 eSATA port
- 1 USB 3.0 port
- 2 Firewire 800 ports
- 1 Firewire 400 port
- RAID configuration switches
- AC power socket

- Compatible with all Windows, Mac and Linux OS
- 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.