

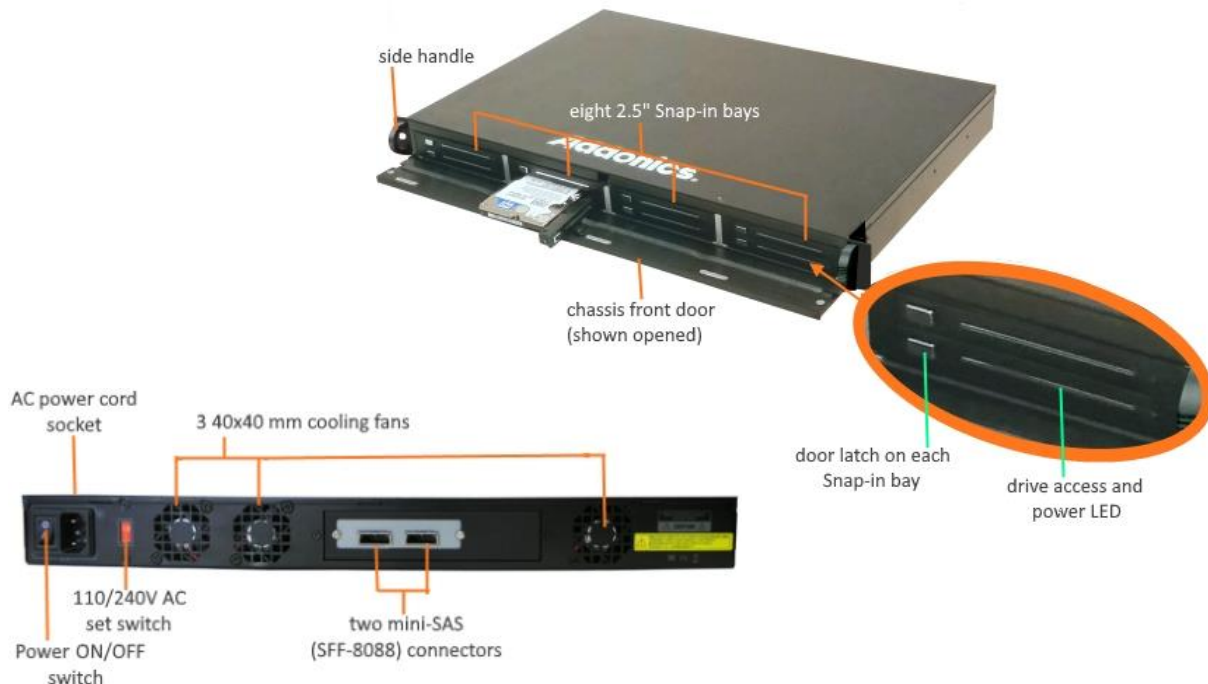
INTRODUCTION

1U RAID Rack Introduction

The Addonics 1U RAID Rack is a family of 1U 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 as many as four 3.5" SATA or eight 2.5" HDD/SSD. You can start your RAID Rack with as little as one drive and expand by adding more 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 cable.

About This Model

The R1825SN-2MS is a 1U RAID Rack that accommodates as many as eight 2.5" SATA hard drives or SSDs. Comes built-in with eight 2.5" Snap-In drive bays, drives can be added to or removed from each bay like tape cartridges without any special tool. The eight Snap-in bays are connected to two 4-SATA to mini SAS (SFF-8088) bridge on the back of this 1U Rack, thus allowing attaching the eight drives to computer via two external mini SAS cables. This set up is ideal for storage application that desires adding multiple external drives to a computer as individual drives without RAID. It is a great economical compact solution to use as a central storage for multiple computers.



FEATURES

- Install up to eight 2.5" SATA HDD or SSD of any capacity (drives not included) with 9 - 9.5 mm maximum drive height
- Connect to system via two mini SAS (SFF-8088) ports
- Built-in with eight 2.5" Snap-In drive bays
- Drives are added or removed directly like tape cartridge from each removable snap-in bay without any special tool
- Drive can be hot swap when connecting to eSATA host that supports such feature
- Drives appear as eight independent drives when attach to any system
- Eight Drives can be set to one or more RAID volumes via the OS RAID software utility
- Power and drive access LED on each drive bay
- OS independent

SPECIFICIATIONS

- **Rackmount chassis**
 - 1U height
 - Constructed in heavy duty steel
 - 180 Watts 110/240 AC power supply
 - Three 40x40mm low noise cooling fans
- **Front Panel**
 - Eight 2.5" Snap-In drive bay for 9 - 9.5 mm maximum drive height
- **Back panel**
 - Two (2) mini SAS (SFF-8088) ports
 - AC power socket
 - ON/OFF power switch
 - 110/240V AC set switch
- Weight: ~ 10.96 lb (4.98 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.