![HighPoint Technologies, Inc.]

RocketStor 6434S/6438S
4-bay / 8-bay SAS/SATA Hot-Swappable Tower Enclosure

Quick Installation Guide

V1.00

RocketStor 6434S/6438S Overview

The RocketStor 6434S and 6438S are stylish, high-quality storage tower enclosures that feature external 12Gb/s Mini-SAS ports and removable hot-swap bays which support any 2.5" or 3.5" SAS/SATA Drive or SSD of your choice.

The enclosure features built in LEDs and an audible alarm that quickly notify administrators in the case of hardware failure or environmental warning such as power loss or overheating.

RocketStor 6438S Kit Contents

- 1x RocketStor 6438S Tower Enclosure
- 8x Drive Trays
- 40x 3.5" HDD mounting screws
- 40x 2.5" SSD mounting screws
- 1x UL Power Cord
- 1x Quick Installation Guide

RocketStor 6434S Kit Contents

- 1x RocketStor 6434S Tower Enclosure
- 4x Drive Trays
- 20x 3.5" HDD mounting screws
- 20x 2.5" SSD mounting screws
- 1x UL Power Cord
- 1x Quick Installation Guide

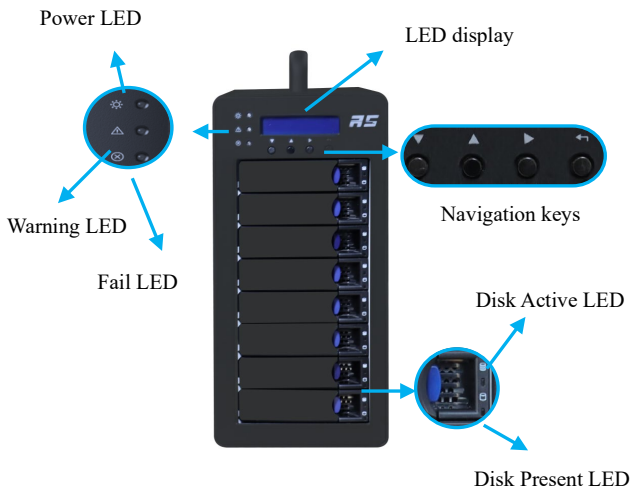**RocketStor 6434S/6438S Hardware**

Front View

RS6438S

RS6434S

RocketStor 6434S/6438S Panel Layout

Disk Present LED: Solid Blue

Disk Active LED: Flash Blue

Power LED: Solid Blue (Normal Status)

Warning LED: Flash Yellow. The enclosure's temperature has exceeded the warning threshold 55℃ or the fan speed is below normal operating levels 700rpm/min

Fail LED: Red light. The temperature is greater than 60℃, solid red light; the fan speed is less than 500 rpm/min, the red light is flashing, and generate an audible alarm

LED display: 16x2 LCD display with user-controlled blue backlight

Navigation keys: 4x navigation keys to control enclosures Fan Speed/Beeper and monitor temperature

Power Switch

Kensington Lock Slot

Power supply cooling exhaust vent

AC Power Input

Body cooling exhaust vent

Mute Button

2x SFF-8644 Mini-SAS connector
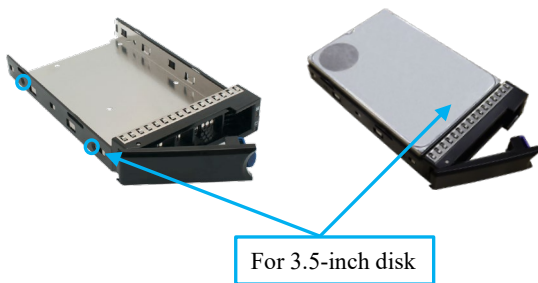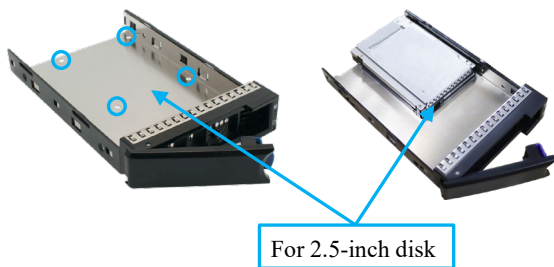
Power Switch: Enclosure power switch

AC Power Input: Connecting AC power cord

Mute Button: Mute the internal enclosure alarm buzzer

2x SFF-8644 Mini-SAS Connector: SFF-8644 cable connector for HBA connection

Kensington Lock Slot: Use a computer lock through the keyhole to lock the device to prevent theft

Disk Tray

For 2.5-inch disk

For 3.5-inch disk

Required Accessories

The certified cable is available directly from HighPoint and our authorized resellers. For more information, please contact our Sales Department (sales@highpoint-tech.com).

1. RocketStor 6434S/6438S is used in conjunction with the RocketRAID 3742A.
   We only recommend you use official HighPoint RAID HBAs, like the RocketRAID 3742A, as they have been certified to work with our enclosures. We have not conducted any tests using third party RAID controllers and do not recommend their use with our enclosures.
2. Each SFF-8644 to SFF-8644 cable can support up to four SAS/SATA hard drives or SSDs.
3. RocketStor 6434S/6438S and RocketRAID 3742A can be connected to Mac or PC platform with RocketStor 6661A.
   Note：PC host must support Intel Thunderbolt™ 3

Optional Certified Cable & Controller Accessories

Device Cables	
8644-HSAS-110	SFF-8644 to SFF-8644 cable Length: 1M
8644-8088-1M1	SFF-8644 to SFF-8088 12Gb/s SAS cable Length: 1M
RAID controller (External – for use with the RR3742A)	
	With 8x Internal & 8x External channels

Thunderbolt™ 3 PCIe Expansion Chassis	
RocketStor 6661A	Thunderbolt™ 3 40Gb/s Ports, Support Mac & PC platform

Resources

A variety of manuals, guides and FAQs are available for RocketStor 6434S/6438S. In addition, we recommend visiting the Software Downloads webpage for the management interfaces, and installation guides.

Software Download:

Installation Guide, HDD & SSD Compatibility Lists:

https://www.highpoint-tech.com/rs6430ts-overview

Certified Accessories:

https://www.highpoint-tech.com/rr-accessories

https://www.highpoint-tech.com/rr3700-overview

FAQ & Troubleshooting:

https://www.highpoint-tech.com/support-and-services

Customer Support

If you encounter any problems while utilizing the RocketStor 6434S/6438S, or have any questions about HighPoint Technologies, Inc. products & solutions, feel free to contact our Customer Support Department.

Web Support:
https://www.highpoint-tech.com/support-and-services

HighPoint Technologies, Inc. websites:
https://www.highpoint-tech.com