



Rocket Stor 6444 (RS6444)

4-Bay U.2/M.2 NVMe RAID Enclosure



Quick Installation Guide

V1.00

RocketStor 6444 Overview

The RS6444 is a compact, high-performance NVMe storage solution for PC and Mac platforms. Each of the 4 drive bays features dedicated PCIe 3.0 x4 bus bandwidth to ensure each NVMe SSD operates at peak performance. Any PC or Mac platform with a free, dedicated PCIe 3.0 /4.0 x16 slot can now experience the true performance capabilities of NVMe technology.

System Requirements

PC Requirements

- Windows 11, 10 / Server 2022, 2019, 2016, 2012R2 / Microsoft Hyper-V
- RHEL/Debian/Ubuntu/Fedora/Proxmox/Xenserver/Rocky Linux (Linux kernel 3.10 and later)
- Arch Linux (Kernel 5.17.5 and above)
- macOS 10.13.6 ~ macOS 13.x

Kit Contents

- 1x 4-Bay Tower Enclosure
- 4x Drive Trays
- 1x UL Power Cord
- 20x 2.5" SSD mounting screws
- 1x Quick Installation Guide

RS6444 Hardware

RS6444 Panel Layout-Front View



HighPoint logo LED:

Solid Blue: Power on

Status LED:

Solid Blue: Normal status

Solid Red: The temperature exceeds the Critical Threshold

Flash Red: The fan speed is lower than the Critical Threshold

Flash Yellow: The temperature exceeds the Warning Threshold or the fan speed is lower than the Warning Threshold

Tray LED:

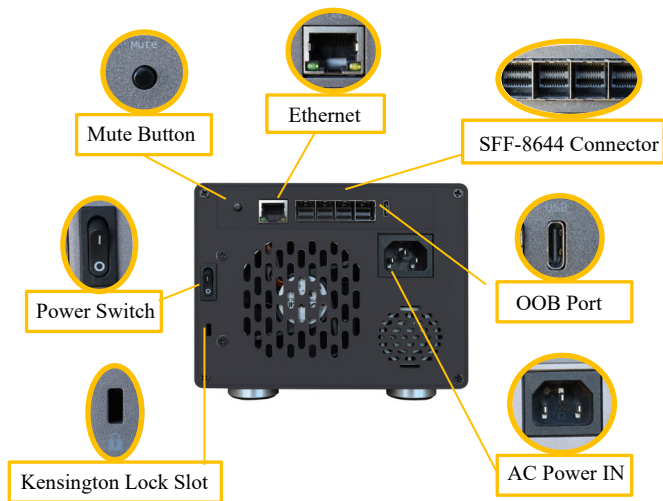
Lights out: The disk is not detected, or the disk adapter (U.2 to M.2) LED is not responding

Solid Blue: The disk is detected

Blue, flashing: Disk I/O

Solid Red: The disk has failed

RS6444 Panel Layout-Rear View



Kensington Lock Slot: Optional slot for Kensington Lock

Power Switch: Enclosure power switch

Mute Button: Mute the internal enclosure alarm buzzer

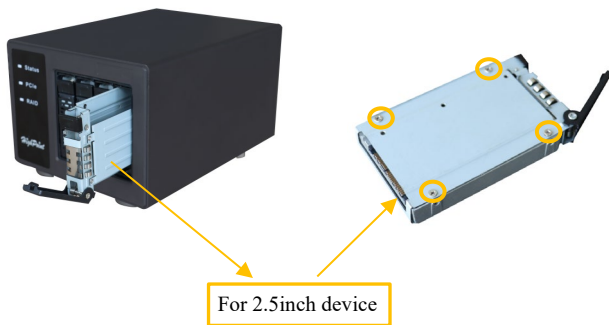
Ethernet: Can be used monitor the RS6444 via an internet connection

4x SFF-8644 Connector: SFF-8644 cable connector for the NVMe HBA connection

OOB Port (out-of-band): Implements the virtual serial port function, through which you can obtain the network IP address

AC Power IN: Connects to the AC power cord

Disk Tray



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. The RocketStor 6444 interfaces with the host platform via an NVMe HBA.


We only recommend you use official HighPoint RAID HBAs, 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 two NVMe SSDs.
3. The RocketStor 6444 and NVMe HBA can be connected to Thunderbolt™ 3 capable Mac or PC platforms via the RocketStor 6661A.

Note: PC host must support Intel Thunderbolt™ 3



Optional Certified Cable & Controller Accessories

Device Cables	
<p>8644-8644-220</p> 	<p>SFF-8644 to SFF-8644 cable Length: 2M</p>
<p>8644-8644-210</p> 	<p>SFF-8644 to SFF-8644 cable Length: 1M</p>
RAID controller	



SSD7184

PCIe 3.0 x16 adapter card

Four external SFF-8644 and four internal SFF-8643 connectors.

Resources

A variety of manuals, guides and FAQs are available for the RS6444 RAID enclosure.

In addition, we recommend visiting the Downloads webpage for the latest guides.

Download:

<https://www.highpoint-tech.com/rocketstor6444>

Certified Accessories:

<https://www.highpoint-tech.com/nvme-accessories>

FAQ & Troubleshooting:

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

Customer Support

If you encounter any problems while utilizing the RS6444, or have any questions about this or any other HighPoint Technologies, Inc. product, feel free to contact our Customer Support Department or check our FAQ for more information.

Web Support:

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

HighPoint Technologies, Inc. websites:

<https://www.highpoint-tech.com>

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