



RocketStor 6614V/ 6618V 4-Bay/ 8-Bay Thunderbolt 3 Tower RAID Enclosure



Quick Installation Guide

V1.00

RocketStor 6614V/6618V Overview

The RocketStor 6618V and 6614V are 4-Bay/ 8-Bay 40Gb/s Thunderbolt™ 3 Tower RAID Enclosures are ideal for I/O intensive applications that require consistent transfer performance.

Advanced Features

- Robust, 4 & 8-Bay Thunderbolt™ 3 Tower RAID Enclosures
- 2x Thunderbolt™ 3 40Gb/s USB-C Ports
- Daisy Chain support for up to 6 devices
- 4x (RocketStor 6614V) or 8x (RocketStor 6618V) 2.5"/3.5" Hot-Swappable Drive Bays
- RAID 0, 1, 5, 10, 50 & JBOD / Non-RAID
- Built in Carry Handle for Easy Portability
- Adjustable Fan Control
- Integrated LCD Panel for Real-Time Enclosure Management
- User Friendly RAID Management Suite
- Windows, Mac, and Linux

System Requirements

PC Requirements

- PC or Mac System with Thunderbolt™ 3 support
- Windows 11, 10
- Windows Server 2022, 2019, 2016
- Microsoft Hyper-V
- Redhat/ Ubuntu/ Debian/ Fedora/ Proxmox/ Rocky Linux (Kernel 3.10 and later)
- macOS 10.13 ~ macOS Sonoma 14.x

RocketStor 6614V Kit Contents

- 1x 4-Bay Enclosure
- 4x 3.5 Inch Drive Trays
- 1x 40Gb/s Thunderbolt™4 1M cable
- 1x UL Power Cord
- 20x 3.5" HDD mounting screws
- 20x 2.5" SSD mounting screws
- 1x Quick Installation Guide

RocketStor 6618V Kit Contents

- 1x 8-Bay Enclosure
- 8 x 3.5 Inch Drive Trays
- 1x 40Gb/s Thunderbolt™4 1M cable
- 1x UL Power Cord
- 35x 3.5" HDD mounting screws
- 35x 2.5" SSD mounting screws
- 1x Quick Installation Guide

RocketStor 6614V/6618V Hardware

Front View

RocketStor 6614V



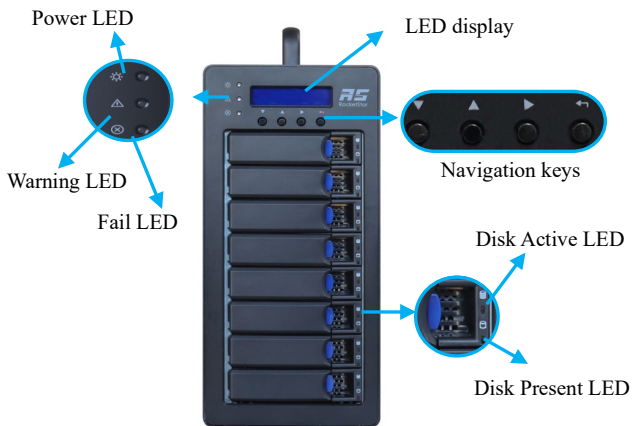
RocketStor 6618V



RocketStor 6614V/6618V Panel Layout

The RocketStor 6618V is shown below:

Front View



Disk Present LED: Solid Blue

Disk Active LED: Flash Blue

Power LED: Solid Blue (Normal Status)

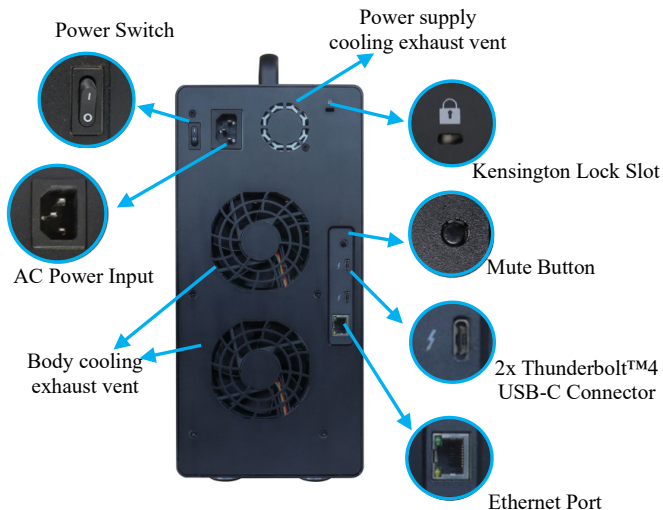
Warning LED: Flash Yellow. The Enclosure's temperature has exceeded the warning threshold 55°C or the fan speed is below normal operating levels 700rpm/min

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

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

Navigation keys: 4x navigation keys to control Enclosures Fan Speed/Audible Alarm and monitor temperature

Back View



Power Switch: Enclosure power switch

AC Power Input: Connecting AC power cord

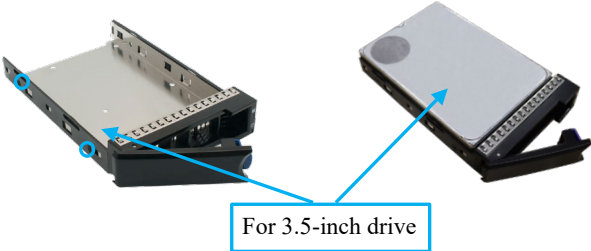
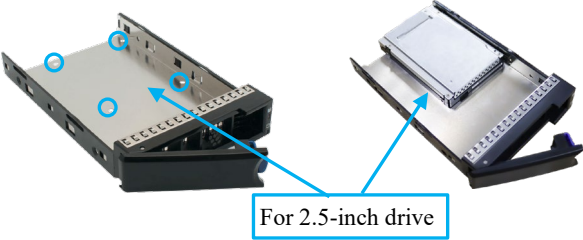
Kensington Lock Slot: Use a computer lock through the keyhole to lock the device to prevent theft

Mute Button: Mute the internal Enclosure alarm buzzer

2x Thunderbolt™4 USB-C Connector: The 40Gb/s Thunderbolt™4 1M cable connector for Enclosure connection

Ethernet Port: View device status through this port

Drive Tray



RocketStor 6614V/6618V Hardware Installation

Take RocketStor 6618V as an example

1. Place the RocketStor 6618V on a level surface and remove each drive tray.



2. Carefully insert the SSD or HDD into the drive tray and secure it with the provided mounting screws.
 - 1). For 3.5-inch drive: use black screws to secure the drive to each side of the drive tray.



- 2). For 2.5-inch drive: use silver screws to secure the drive to the back of the drive tray.



3. Install each drive tray into the Enclosure.



4. Connect the Enclosure to the host system using the included Thunderbolt™ 4 cable.



5. Connect the Power cable to the rear of the Enclosure and connect it to an AC power source.
6. First switch on the Enclosure power switch (switch to the “|” position) to power up the Enclosure, then power up the host system.



7. When the drives are properly connected and the system is powered on, the front panel of the Enclosure illuminates as shown below.



Note: *The RocketStor 6614V/6618V connects to the host system via a Thunderbolt™ cable. As a result, the RocketStor 6614V/6618V will automatically power on when the host system is powered on, and power off when the host system is powered off.*

Resources

A variety of manuals, guides and FAQs are available for the RocketStor 6614V/6618V. In addition, we recommend visiting the Software Downloads webpage for the management interfaces, and installation guides.

Software Download:

<https://www.highpoint-tech.com/rs661xv-series>

FAQ & Troubleshooting:

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

Customer Support

If you encounter any problems while utilizing the RocketStor 6614V/6618V, 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>