

# RocketStor 6661B

## Thunderbolt™ 3 PCIe Expansion Chassis



### Quick Installation Guide

V1.01

## 1. RocketStor 6661B Overview

The RocketStor 6661B allows you to quickly add any PCIe x4, x8 or x16 card to your Thunderbolt™ 3 capable computing platform, such as media capture, Ethernet, Fibre Channel, storage/RAID controller cards or PCIe NVMe drives. The ultra slim, lightweight design is ideal for compact form-factor workstation and portable computers, and is fully compatible with Mac platforms.

## 2. Key features

- Rugged, Ultra-Slim, Aluminum Enclosure
- Dual Thunderbolt™ 3 Ports
- Supports one full height x1, x4, x8 or x16 PCIe card
- Dual Ultra-Quiet, High-Efficiency Cooling Fans
- External 60W Power Supply
- Easy Plug and Play design
- Daisy-chain up to six Thunderbolt™ devices

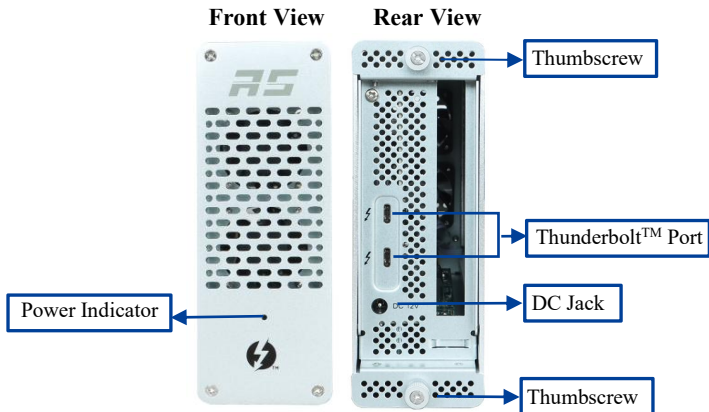
## 3. System Requirements

- PC or Mac System with Thunderbolt™ 3 support
- PC or Mac System with a Thunderbolt 2 (via Thunderbolt 3 to Thunderbolt 2 Adapter)
- Windows 8 and later
- macOS 10.10 and later

## 4. Kit Content

- 1x RocketStor 6661B Expansion Chassis
- 1x 40Gb/s Thunderbolt™ 3 Cable
- 1x Power Adapter
- 1x Power cord
- 1x Screws
- 1x Quick Installation Guide

## 5. Hardware



## 6. Hardware Installation

Step 1: Open the RocketStor 6661B chassis by turning the two thumbscrews counterclockwise and remove the cover.



Step 2: Gently install the PCIe card and secure it with the supplied screws.



Step 3: Close the RocketStor 6661B chassis and turn the two thumbscrews clockwise. Then connect the power adapter to the RocketStor 6661B.



Step 4: Connect the RocketStor 6661B to the host system using a Thunderbolt™ cable.



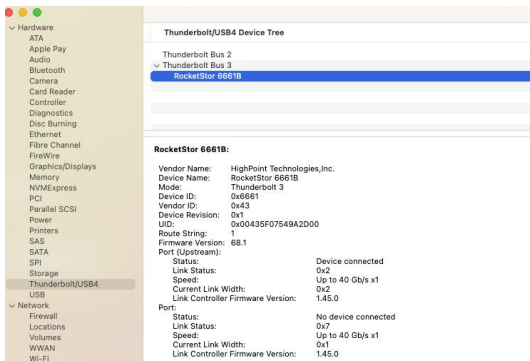
Note: The RocketStor 6661B design is compliant with Thunderbolt™ power management – it does not require a built-in power switch. The RocketStor 6661B will automatically power on when connected to the host system using a Thunderbolt™ cable.

## 7. Verifying installation

### Verify the installation -macOS

The macOS will automatically recognize the device after booting up. To verify the RocketStor 6661B driver status.

Click the **Apple** icon on top left of the screen, and select **About This Mac**, and then select **More Info**. Next, select **System Report**, and click **Thunderbolt** on left side of the **System Information** pane. The RocketStor 6661B device should be listed under **Thunderbolt Bus**:



The screenshot shows the macOS System Information window. On the left sidebar, the 'Thunderbolt/USB4' section is selected. The main pane displays the 'Thunderbolt/USB4 Device Tree' with 'RocketStor 6661B' highlighted under 'Thunderbolt Bus 3'. Below this, the 'RocketStor 6661B:' section provides detailed information:

RocketStor 6661B:	
Vendor Name:	HighPoint Technologies, Inc.
Device Name:	RocketStor 6661B
Mode:	Thunderbolt 3
Device ID:	0x6661
Vendor ID:	0x43
Device Revision:	0x1
UID:	0x00435F07549A2D00
Route String:	1
Firmware Version:	68.1
Port (Upstream):	
Status:	Device connected
Link Status:	0x2
Speed:	Up to 40 Gb/s x1
Current Link Width:	0x2
Link Controller Firmware Version:	1.45.0
Port:	
Status:	No device connected
Link Status:	0x7
Speed:	Up to 40 Gb/s x1
Current Link Width:	0x1
Link Controller Firmware Version:	1.45.0

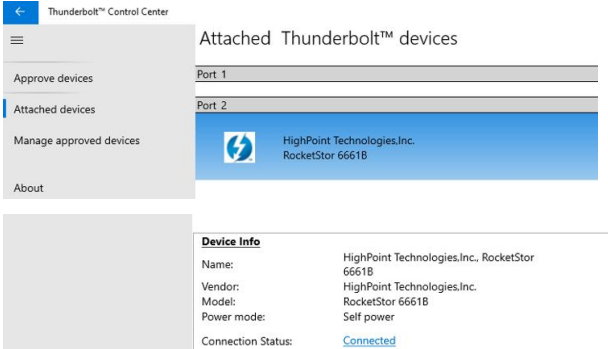
Click **PCI cards** on the left side to verify the PCIe card is detected.

Please install the PCIe card's driver, if needed. Check the manufacturer's support page and download the latest Thunderbolt aware driver available for the PCIe card.

## Verify the installation -Windows

Please install the **Thunderbolt Software** from the [Intel official website](#) first.

After connecting the RocketStor 6661B to the system, install the Thunderbolt Software. After the installation is complete, use the software to verify the RocketStor 6661B driver status.



The screenshot shows the Thunderbolt™ Control Center application window. On the left is a navigation menu with options: Approve devices, Attached devices (selected), Manage approved devices, and About. The main area is titled "Attached Thunderbolt™ devices" and lists two ports. Port 1 is empty. Port 2 is occupied by a device represented by a blue lightning bolt icon and the text "HighPoint Technologies.Inc. RocketStor 6661B". Below this, a "Device info" section provides the following details:

<b>Device info</b>	
Name:	HighPoint Technologies.Inc., RocketStor 6661B
Vendor:	HighPoint Technologies.Inc.
Model:	RocketStor 6661B
Power mode:	Self power
Connection Status:	<a href="#">Connected</a>

**Note:** If the RocketStor 6661B is not detected by your system, please double check the power adapter and Thunderbolt™ cable connections. Check the Power Indicator LED to make sure the unit is powered on.

## 8. 8.Support Information

For Documentation and more information about this product, please visit the following website:

<https://www.highpoint-tech.com/rs6661b-overview>

If you encounter any problems while utilizing the RS6661B or have questions about this or any other HighPoint Technologies, Inc. product, please 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>