



RocketStor 6661B-NVMe

Thunderbolt™ 3 to NVMe RAID Adapter



Quick Installation Guide

V1.00

1. RocketStor 6661B-NVMe Overview

The RocketStor 6661B-NVMe 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

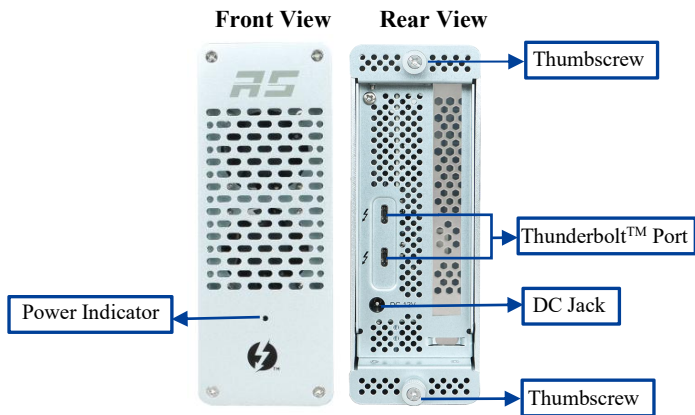
3. System Requirements

- PC or Mac System with Thunderbolt™ 3 support
- PC or Mac System with a Thunderbolt 2 (via Thunderbolt 3 to Thunderbolt 2 Adapter)
- Windows 10 and later
- macOS 10.13 and later

4. Kit Content

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

5. Hardware



6. Hardware Installation

1. Connect the power adapter to the RocketStor 6661B-NVMe.



2. Connect the RocketStor 6661B-NVMe to the host system using a Thunderbolt™ cable.



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

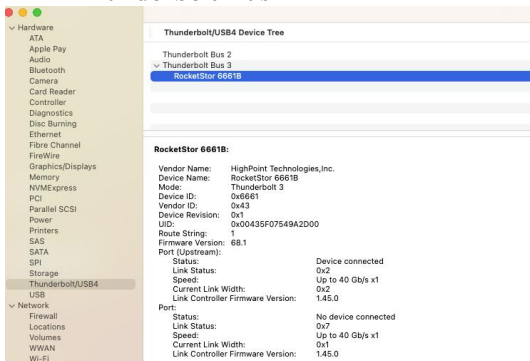
7. Verifying installation

Verify the installation - macOS

The macOS will automatically recognize the device after booting up. To verify the RS6661B-NVMe driver status.

1. Click the Apple icon on top left of the screen.
2. Select **About This Mac**→**More Info**→**System Report**.
3. Click **Thunderbolt** on left side of the **System Information** pane.

The RocketStor 6661B-NVMe device should be listed under **Thunderbolt Bus**:



4. Click **PCI cards** on the left side to display the NVMe SSDs on the PCIe card, which means the NVMe SSDs has been recognized correctly.

pci144d,a804	NVMe Express Controller	Yes	Thunderbolt@14,0,0
pci144d,a804	NVMe Express Controller	Yes	Thunderbolt@12,0,0
pci144d,a804	NVMe Express Controller	Yes	Thunderbolt@13,0,0
pci144d,a804	NVMe Express Controller	Yes	Thunderbolt@15,0,0

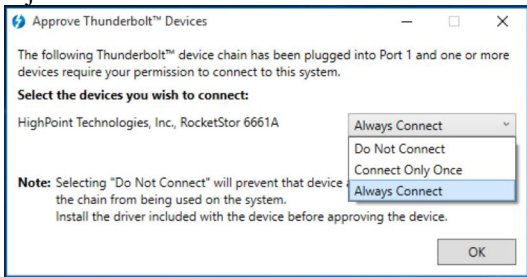
5. Install the PCIe card's driver, if needed. Check the

manufacturer's support page and download the latest Thunderbolt aware driver available for the PCIe card.



Verify the installation - Windows

1. Install the **Thunderbolt Software** from the [Intel official website](#) first.
2. After connecting the RocketStor 6661B to the system, a pop-up window should be displayed asking you approve or reject the Thunderbolt Device connection.



3. Select "Always Connect" from the drop-down menu, then click **OK**.

Driver Installation - Microsoft Windows

1. Go to <https://www.highpoint-tech.com/rs6661/rs6661b-nvme-overview> and download the manager and driver files.
2. For the manager, run HighPoint RAID Management.exe and follow the onscreen instructions.
3. For the driver, run Setup.exe and follow the onscreen instructions.
4. Restart your system.

8. Support Information

If you encounter any problems while utilizing the RS6661B-NVMe 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>