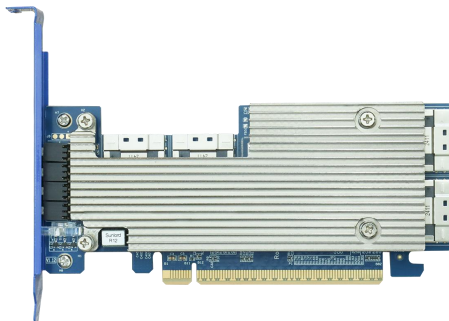




# Rocket 7528D (R7528D)

**8x NVMe Port to PCIe 4.0 x16 NVMe RAID Adapter**



**Quick Installation Guide**

**V1.00**

## **System Requirements**

### **PC Requirements**

- System with a free PCIe 4.0 (or 3.0 or 5.0) x16 slot

### **Operating System**

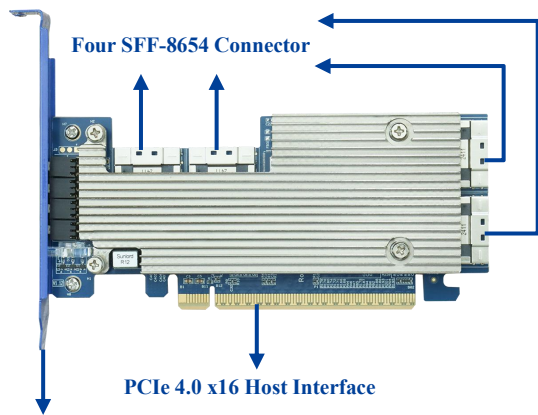
- Windows 11,10/Server 2022,2019,2016/ Microsoft Hyper-V
- RHEL/Debian/Ubuntu/Fedora/Proxmox/Rocky Linux (Linux kernel 3.10 and later)

### **R7528D Kit Content**

- 1x R7528D NVMe RAID Adapter
- 1x Quick Installation Guide
- 1x Low Profile Bracket

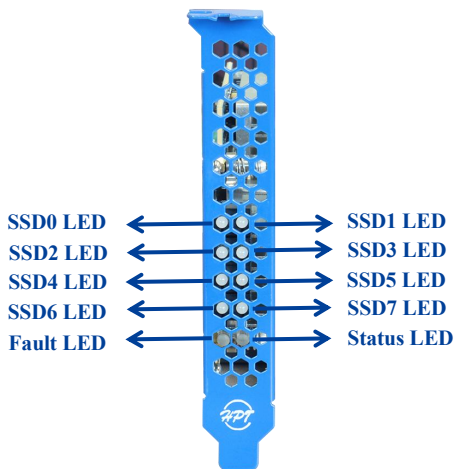
# R7528D Hardware

## Front View



Full-height bracket (optional low-profile bracket included)

## LED View



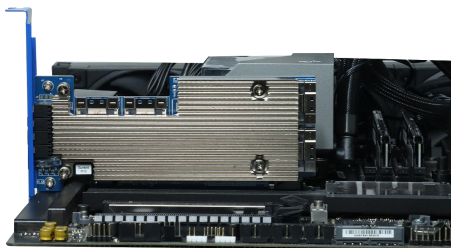
Note: Please refer to the detailed description of LED colors and their status in the R7528D NVMe RAID Adapter User Guide on the official website.

## Hardware Installation

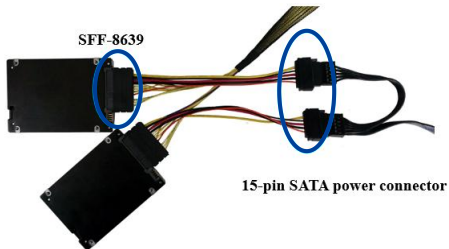
The R7528D provides four SFF-8654 connectors. These connectors accept a variety of HighPoint Certified Cable Accessories (see the Accessories section towards the end of this guide for more information). The following steps explain how to connect U.2/U.3 NVMe SSDs directly to the R7528D using the HighPoint TS8i-8639-060 cable.

1. Use a wired ESD wrist strap that is properly grounded.
2. Unpack and remove the R7528D and check it for damage. If it appears damaged, please get in touch with HighPoint Technical Support.
3. Shut down the system and disconnect the AC power cord.

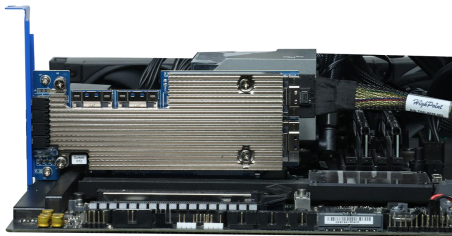
4. Align the R7528D to one of the motherboard's available slots. Press down gently but firmly to seat the R7528D correctly in the slot.



5. Connect the SFF-8639 connector of the TS8i-8639-060 cable to the NVMe SSD, and connect the 15-pin SATA power connector to the power supply



6. Connect the SFF-8654 connector of the TS8i-8639-060 cable to the R7528D.



7. Connect the remaining NVMe SSDs to the R7528D as described above.
8. Turn on the power to the system.

## Optional Certified Cable Accessories

**8654-8643-210**



SFF-8654 Host to SFF-8643 Device cable. Each cable can host up to 2x NVMe SSDs.

**Length:** 1M (100cm)/39.37"

**8654-8611-205**

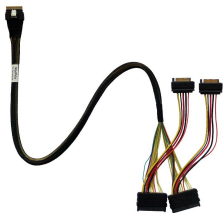


SFF-8654 (host) to SFF-8611 Oculink Device cable. Each cable can host up to 2x NVMe SSDs.

**Length:** 0.5M (50cm) /19"



### TS8i-8639-060



SFF-8654 Host to U.2 SFF-8639 Device cable with a 15-pin SATA power connector. Each cable supports two U.2 NVMe SSDs.

**Length:** 0.6M (60cm)/23.62"

### 8654-8654-110



SFF-8654 to SFF-8654 cable. Each cable can host up to two NVMe SSDs.

**Length:** 1M (100cm)/39.37"

## 8654-CIO8-110



SFF-8654 Host to MCIO 8i Device cable. Each cable can host up to two NVMe SSDs.

**Length:** 1M (100cm)/39.37"

## Resources

Various guides and FAQs are available for the R7528D NVMe RAID Adapter.

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

<https://www.highpoint-tech.com/nvme-raid-adapter/gen4/rocket-7528d>

### Certified Accessories:

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

### FAQ & Troubleshooting:

[FAQ - HighPoint Technologies, Inc. \(helpjuice.com\)](https://helpjuice.com)

## **Customer Support**

If you encounter any problems while utilizing the R7528D or have questions about this or any other HighPoint Technologies, Inc. product, please contact our Customer Support Department.

### **Web Support:**

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

### **HighPoint Technologies, Inc. websites:**

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