HighPoint
Technologies, Inc.

SSD7749E

8x E1.S Port to PCIe 4.0 x16 NVMe RAID Controller

Quick Installation Guide

V1.03

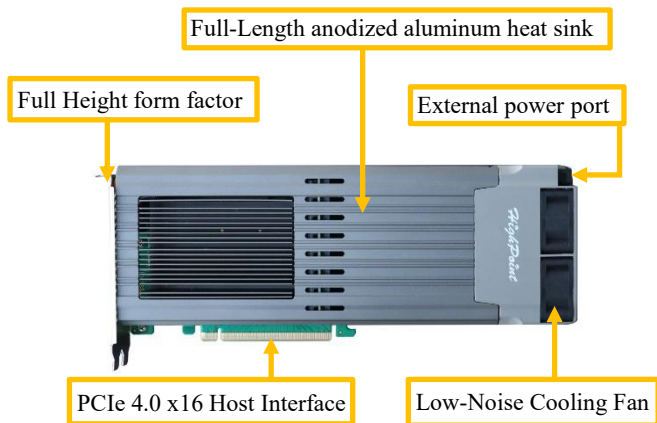## System Requirements

PC Requirements

- System with a free PCIe4.0 (or 3.0) x16 slot

- Windows 10 and later

- Windows Server 2016 and later

- RHEL/ Debian/ Ubuntu/ Fedora/ Proxmox/ Rocky Linux

- macOS

Kit Content

- SSD7749E Controller Card

- Quick Installation Guide

SSD7749E Hardware

Front View

Full-Length anodized aluminum heat sink

Full Height form factor

External power port

PCIe 4.0 x16 Host Interface

Low-Noise Cooling Fan

Hardware Installation

Step 1. Apply pressure to release the lock, and turn it counter-clockwise.

Warning: *Please pay attention to opening the fan module carefully to avoid causing damage to the fan module.*
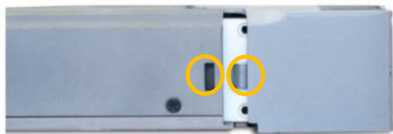
Step 2. Gently insert the SSD into the slot.

Notes:

Ensure the SSD contacts ("golden fingers") are clean before installation.

Ensure the NVMe SSD is carefully but securely mounted to each port. Loose connections can cause various stability and performance issues and may ultimately result in data loss.

Step 3. Align the fan module and press down to secure.

Step 4. Shut down the system and disconnect the AC power cord.
Step 5. Insert the SSD7749E into an available PCIe slot.
Step 6. Turn on the power to the system.
Note: In case the motherboard PCIe slot has insufficient power, connect the 6-pin PCIe power cable to the external power connector on the right side of the SSD7749M before turning on the system's power.

Connect 6 pin PCIe power cable

Resources

Various manuals, guides, and FAQs are available for the SSD7749E RAID controller. In addition, we recommend visiting the Software Downloads webpage for the latest drivers, management interfaces, and installation guides.

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

https://www.highpoint-tech.com/nvme1/ssd7749e

FAQ & Troubleshooting:

FAQ - HighPoint Technologies, Inc. (helpjuice.com)

Customer Support

If you encounter any problems while utilizing the SSD7749E or have any questions about this or any other HighPoint Technologies, Inc. product, 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