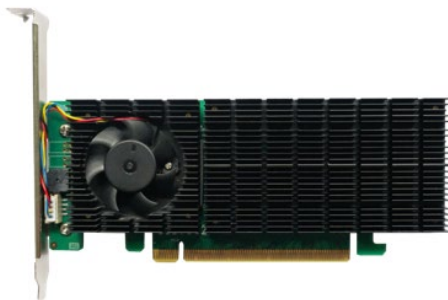


SSD7502

2x M.2 Port to PCIe 4.0x16 NVMe RAID Controller



Quick Installation Guide

V1.02

System Requirements

PC Requirements

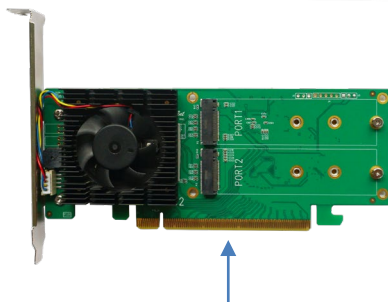
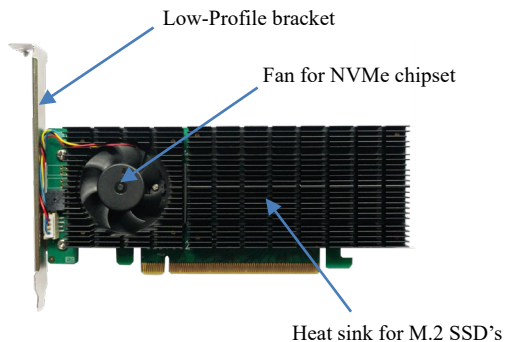
- System with a free PCIe 4.0 x16 or PCIe3.0 x16 slot
- Windows 11, 10 / Server 2022, 2019, 2016, 2012R2 / Microsoft Hyper-V
- RHEL/Debian/Ubuntu/Fedora/Proxmox/Xenserver/ Rocky Linux
(Linux kernel 3.10 and later)
- Arch Linux (Kernel 5.17.5 and above)
- macOS 10.13.6 ~ macOS 13.x

SSD7502 Kit Content

- SSD7502 Controller Card
- Quick Installation Guide
- Low Profile Bracket

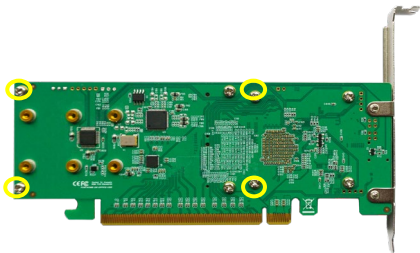
SSD7502 Hardware

Front View



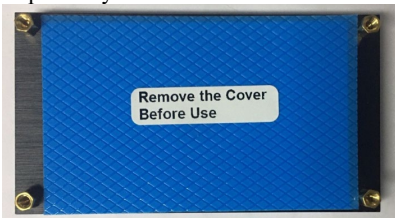
SSD7502 Hardware Installation:

Step 1. On the rear of the SSD7502, remove the four screws that secure the unit's heat sink to the PCB.



After removing the screws, carefully remove the heat sink from the SSD7502.

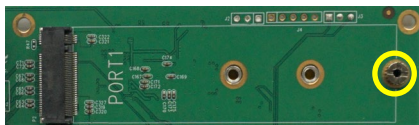
Step 2. After removing the casing, carefully turn it over to view the thermal pad. The blue film must be removed from the pad before reinstalling the panel. This film protects the pad from damage and foreign objects prior to installation, but will also prevent the pad from transferring heat away from the NVMe SSD's and controller componentry.



Step 3. These 2 screws are used to install the NVMe SSD's.

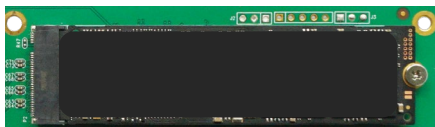


Step 4. Please remove the screws on the right side of SSD7502

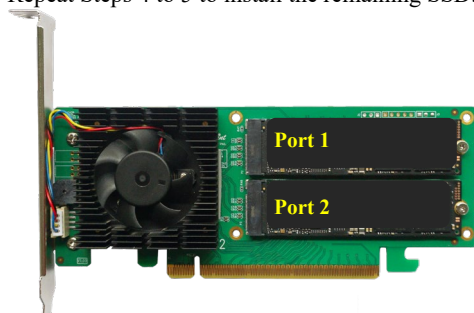


Step 5. Gently insert the SSD into the slot. Refasten the screw to secure the SSD.

Note: Please make sure all disks are clean before you insert them into the slot to avoid unexpected situations.



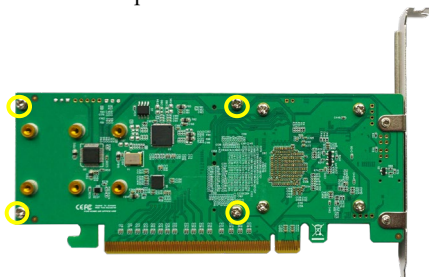
Repeat Steps 4 to 5 to install the remaining SSD.



Note: Make sure the SSD's are carefully, but securely installed into each M.2 port. Loose connections can cause a variety of stability and performance issues, and may ultimately result in data loss.

Step 6. Replace the heat sink after installing all SSDs

Step 7. On the rear of the SSD7502, refasten the 4 screws that were removed in step 1.



Note: *Make sure the heatsink & fan assembly are properly aligned with the controller board (PCB), and that it makes full contact with the thermal pad, before refastening it to the SSD7502. If this assembly is improperly installed, the fan, heatsink and thermal pad will be unable to sufficiently cool the NVMe SSD's and controller componentry, which may result in damage to the SSD's or controller hardware, performance loss, unstable I/O, and the loss of data.*

Resources

A variety of manuals, guides and FAQ's are available for the SSD7502 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/gen4-nvme-m2>

FAQ & Troubleshooting:

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

Customer Support

If you encounter any problems while utilizing the SSD7502 drive, 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>

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