



# HighPoint SSD7104F 4x M.2 Port to PCIe 3.0x16 NVMe RAID Controller Installation Guide

[Home](#) » [HighPoint](#) » HighPoint SSD7104F 4x M.2 Port to PCIe 3.0x16 NVMe RAID Controller Installation Guide

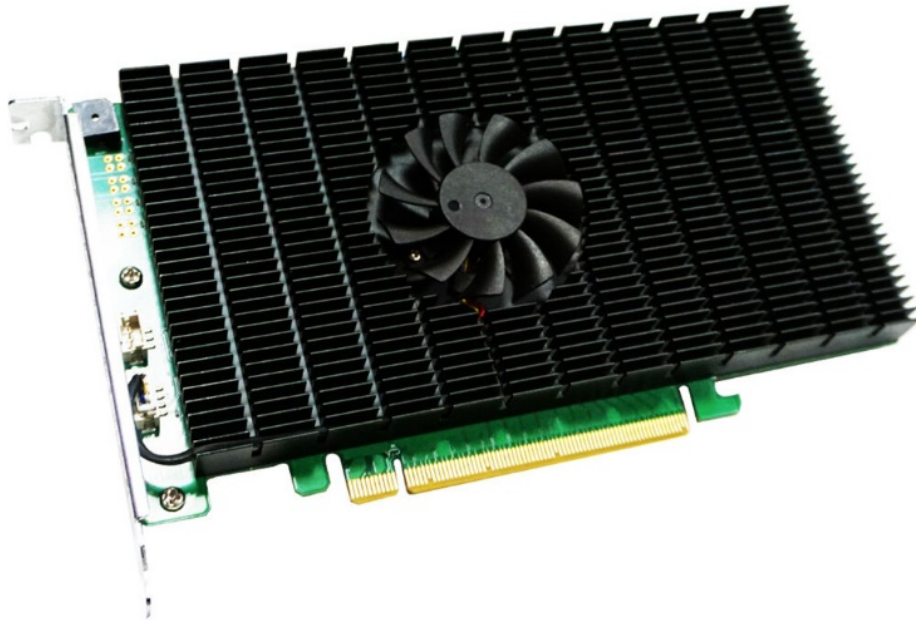


## Contents

- [1 HighPoint SSD7104F 4x M.2 Port to PCIe 3.0x16 NVMe RAID Controller](#)
- [2 System Requirements](#)
- [3 SSD7104F Hardware](#)
- [4 SSD7104F Hardware Installation](#)
- [5 Documents / Resources](#)
  - [5.1 References](#)
- [6 Related Posts](#)



**HighPoint SSD7104F 4x M.2 Port to PCIe 3.0x16 NVMe RAID Controller**



## **System Requirements**

### **PC Requirements**

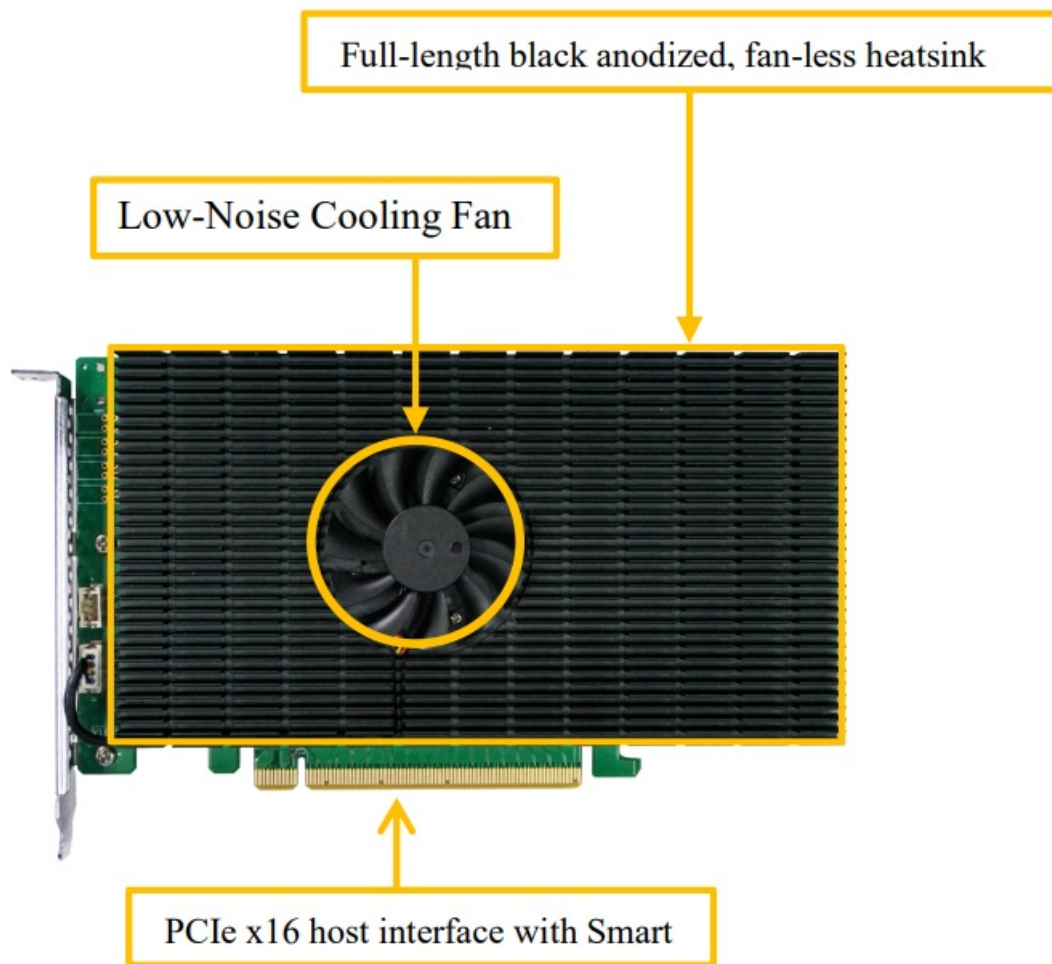
- A system with a free PCIe3.0 (or 4.0) x16 slot
- Windows 10, Windows Server 2016, and Windows Server2019
- Linux kernel 3.10 and later
- MacOS 10.13 and later

### **SSD7104F Kit Content**

- SSD7104F Controller Card
- Quick Installation Guide

## **SSD7104F Hardware**

### **Front View**



## SSD7104F Hardware Installation

- Step 1. On the rear of the SSD7104F, remove the six screws that secure the unit's heat sink to the PCB.



After removing the screws, carefully remove the heat sink from the SSD7104F.

- 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, however, it canals to prevent the thermal pad from conducting the heat awayfromtheNVMeSSD if we don't remove it.



- Step 3. These 4 screws are used to install the NVMe SSDs



The SSD7104F can support any M.2 form factor (2242, 2260, 2280, and 22110).

- Step 4. Please remove the screws on the right side of SSD7104F



- Step 5. Gently insert the SSD into the slot.



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

- Step 6. Refasten the screw to secure the SSD.



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

The following example shows four M.2 SSDs installed into Ports 1-4:



- Step 7. Replace the heat sink after installing all SSDs
- Step 8. On the rear of the SSD7104F, refasten the six screws that were removed in step 1.



**Note** Make sure the aluminum cover is properly aligned with the controller board (PCB), and that it makes full contact with the thermal pad, before refastening it to the SSD7204. If the cover is improperly installed, the fan and thermal pad will be unable to sufficiently cool the NVMe SSDs and controller componentry, which may result in damage to the SSDs or controller hardware, performance loss, unstable, and the loss of data.

**Note:** Please be sure to connect NVMe before using the product to reduce the occurrence of unnecessary errors!

**Note:** Install the driver in the system first and then install the board!

## Resources

A variety of manuals, guides and FAQs are available for the SSD7104F RAID controller. In addition, we recommend visiting the Software Downloads webpage for the latest drivers, management interfaces, and installation guides.

## Software Download:

SSD7104F Driver, WebGUI, Installation Guide [https://highpoint-tech.com/USA\\_new/series-ssd7104-download.htm](https://highpoint-tech.com/USA_new/series-ssd7104-download.htm)

**Other Reference Information:** Motherboard & NVMe SSD Compatibility List

SSD7104F User Guide – How To Set Up & Monitor RAID Array [https://highpoint-tech.com/USA\\_new/series-ssd7104-resource.htm](https://highpoint-tech.com/USA_new/series-ssd7104-resource.htm)

## Customer Support

If you encounter any problems while utilizing the SSD7104F 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/websupport/>

HighPoint Technologies, Inc. websites:





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

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## Documents / Resources

	<p><a href="#">HighPoint SSD7104F 4x M.2 Port to PCIe 3.0x16 NVMe RAID Controller</a> [pdf] Installation Guide</p> <p>SSD7104F 4x M.2 Port to PCIe 3.0x16 NVMe RAID Controller, SSD7104F, SSD7104F RAID Controller, 4x M.2 Port to PCIe 3.0x16 NVMe RAID Controller, NVMe RAID Controller, RAID Controller, NVMe Controller, Controller</p>
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## References

-  [M.2 Non-Bootable - Gen3 | HighPoint-tech.com](#)
-  [M.2 Non-Bootable - Gen3 | HighPoint-tech.com](#)
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