HighPoint
Technologies, Inc.

RocketAIC 7608AW (RA7608AW)

8x NVMe Port to PCIe 5.0 x16 NVMe AIC SSD

Quick Installation Guide

V1.00

System Requirements

PC Requirements

- System platform with a free physical PCIe 5.0 (3.0 or 4.0) x16 slot
- Form factor: Full-Height, Full-Length

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)
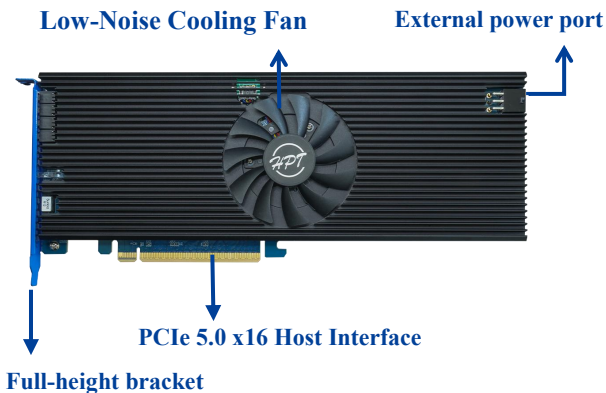
RA7608AW-A32T0-0F Kit Content

- 1x RA7608AW-A32T0-0F
- 1x Quick Installation Guide
- 8x Additional M.2 Rubbers
- 1x K=8 84mm*90mm*1mm Thermal PAD
- 1x K=8 70mm*90mm*1mm Thermal PAD
- 1x K=3 84mm*90mm*1.5mm Thermal PAD
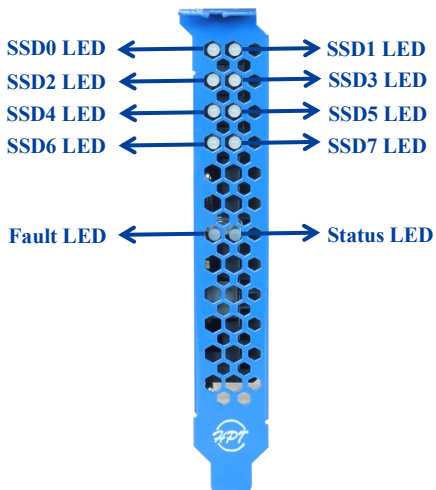- 1x K=3 70mm*90mm*1.5mm Thermal PAD

RA7608AW-C32T0-10 Kit Content

- 1x RA7608AW-C32T0-10
- 1x Quick Installation Guide
- 8x Additional M.2 Rubbers
- 1x K=8 84mm*90mm*0.75mm Thermal PAD
- 1x K=8 70mm*90mm*0.75mm Thermal PAD
- 1x K=8 84mm*90mm*1mm Thermal PAD
- 1x K=8 70mm*90mm*1mm Thermal PAD

RA7608AW Hardware
Front View

Low-Noise Cooling Fan

External power port

PCIe 5.0 x16 Host Interface

Full-height bracket

LED View

SSD0 LED	←	→	SSD1 LED
SSD2 LED	←	→	SSD3 LED
SSD4 LED	←	→	SSD5 LED
SSD6 LED	←	→	SSD7 LED
Fault LED	←	→	Status LED

Note: Please refer to the detailed description of LED colors and their status in the RA7608AW NVMe AIC SSD User Guide on the official website.

Hardware Installation

1. Use a wired ESD wrist strap that is properly grounded.
2. Unpack and remove the RA7608AW 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 RA7608AW to one of the motherboard's available slots. Press down gently but firmly to seat the RA7608AW correctly in the slot.

5. Turn on the power to the system.

Note: In case of insufficient power supply to the motherboard PCIe slot, connect the 6-pin PCIe power cable to the external power connector on the right side of the RA7608AW before turning on the power to the system.

Resources

Various guides and FAQs are available for the RA7608AW.

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

https://www.highpoint-tech.com/rocketaic/ra7608aw

FAQ & Troubleshooting:

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

Customer Support

If you encounter any problems while utilizing the RA7608AW 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