

## HighPoint Technologies Unveils the RocketAIC 7608AW: the Industry's Fastest and Largest Gen5 PCIe AIC Storage Drive Series

September 2024, Fremont CA - HighPoint Technologies, an industry-leading NVMe storage and connectivity solutions manufacturer, proudly announces the launch of the RocketAIC 7608AW series, a new family of groundbreaking, turnkey PCIe Gen5 x16 NVMe RAID storage solutions for professional workstation and server environments. Powered by HighPoint's proven PCIe Switch and RAID technology, and featuring class-leading storage capacity, advanced data security, and an intelligent, pro-active cooling solutions, the RocketAIC 7608AW aims to establish a new milestone for high-performance storage solutions.

### Industry-Leading Hardware Architecture & PCIe Switching Technology

RocketAIC 7608AW series NVMe drives incorporate state-of-the-art PCIe Gen5 Switching technology and are capable of delivering nearly 60GB/s of sequential transfer speed and up to 7.5 million IOPS. The innovative hardware architecture provides x48 lanes of internal bandwidth, and enables the RocketAIC 7608AW drive to allocate x16 lanes of dedicated upstream bandwidth to the host connection, and x4 lanes to each M.2 SSD, while optimizing signal integrity and minimizing latency to maximize data throughput.

RocketAIC 7608AW drives are fully compliant with PCI-SIG/CEM standard to ensure seamless compatibility and ease of integration with a diverse range of hardware environments.

### Unmatched Storage Capacity Options:

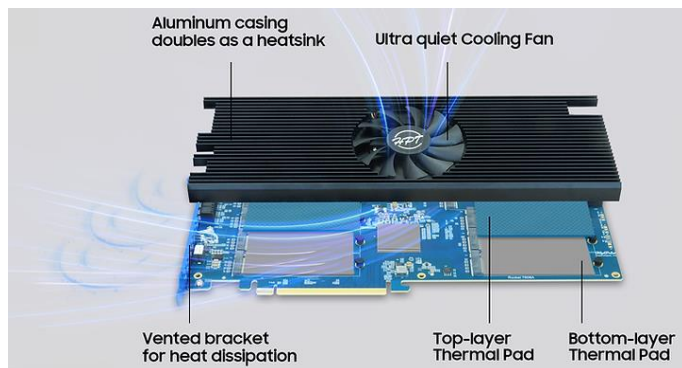


RocketAIC 7608AW drives deliver unparalleled storage density in a compact, single-width PCIe AIC form factor, providing up to 64TB of Gen5 storage performance for a wide range of data-intensive applications. All 8 M.2 SSDs are integrated into one side of the PCB to ensure the drive maintains a slim profile, and provides the necessary clearance to prevent interference with adjacent PCIe devices.

Customers can select from three models, each of which is capable of delivering nearly 60GB/s of transfer speed. The RocketAIC 7608AW W-C32T0-10 includes eight Crucial T705 4TB Gen5 SSDs and provides 32TB of capacity. The RocketAIC 7608AW W-A32T0-0F is equipped with eight Samsung 990 PRO 4TB SSDs, and also provides 32TB of storage capacity. Customers that wish to maximize the storage potential of each Gen5 x16 slot can opt for the RocketAIC 7608AW W-B64T0-11, which includes eight Sabrent Rocket 4 8TB SSDs, and 64TB of storage capacity.

### Intelligent Pro-Active Cooling Solution & Active Sensor Logging Maximizes Performance & Reliability

RocketAIC 7608AW drives are equipped with an advanced cooling system that dynamically adjusts fan speed to correspond with real-time SSD temperature readings to ensure the M.2 media performs flawlessly while maximizing lifespan. The powerful, low decibel fan is integrated directly into the full-length aluminum heatsink, which utilizes copper SSD contacts to enhance efficiency.



The hardware system was designed to work in tandem with HighPoint's groundbreaking Active Sensor Logging & Analysis solution. The system tracks and logs critical metrics such as temperature, power usage, and drive health in real time. The data is presented in series of easy-to-read line charts, and can be reviewed to identify optimal working conditions and ensure the drive runs optimally even under maximum load.

### **Comprehensive Data Security Suite:**

RocketAIC 7608AW drives include suite of hardware and software level toolsets designed to enhance the security of the NVMe storage ecosystem. HighPoint SafeStorage, a revolutionary OPAL SSC TCH based NVMe hardware Encryption Solution, safeguards the drive by preventing access to stored data should the unit be misplaced or stolen. Integrated Hardware Secure Boot capability enhances platform security by preventing unauthorized software or firmware modifications from executing during the boot process, including Malware and ransomware.

### **The Ultimate Choice for High Performance Computing Environments**

Capitalizing on HighPoint's proven Gen5 AIC architecture and PCIe Switching and RAID IP, RocketAIC 7608AW series NVMe drives represent a significant leap forward in storage technology. They leverage, unparalleled speed, robust security, class leading capacity, and an innovative cooling solution to maximize the potential of M.2 storage media. Designed for professionals who demand the best, the RocketAIC 7608AW is the ultimate choice for high-performance computing environments.

### **Shipping & Availability**

HighPoint's [RocketAIC 7608AW NVMe RAID Drives](#) will begin shipping in September 2024, and will be available worldwide direct from our E-Store and our approved Global Resale and Distribution partners.

#### [Where to Buy](#)

RA7608AW-A32T0-0F 32TB PCIe Gen5 x16 NVMe RAID Drive - MSRP: USD \$6,599.00

RA7608AW-C32T0-10 32TB PCIe Gen5 x16 NVMe RAID Drive - MSRP: USD \$9,999.00

RA7608AW-B64T0-11 64TB PCIe Gen5 x16 NVMe RAID Drive - MSRP: USD \$18,999.00

### **[About HighPoint Technologies, Inc.](#)**

HighPoint Technologies stands at the forefront of storage innovation as the industry's -premier manufacturer of high-performance, high-density NVMe Switch and RAID AIC & Adapter solutions for off-the-shelf x86 AMD and Intel platforms. With a rich history spanning nearly three decades, our dedication to delivering innovative, reliable, and high-performance storage solutions has consistently set us ahead in the marketplace. HighPoint's NVMe storage solutions are powered by industry-proven PCIe Switching technology, and are designed to address the dynamic requirements of AI/ML/LLM applications, Data Centers, Edge Servers, and high-performance workstations, enabling customers to keep pace with today's rapidly evolving technology landscape.