

## **HighPoint Unveils NVMe Boot RAID AIC Family: The Ultimate Alternative to Intel VROC**

**March 2025 – Fremont, CA**—HighPoint Technologies is proud to announce the launch of its NVMe Boot RAID Add-In Card (AIC) family, a game-changing solution designed to provide flexible, fast, and universal storage options for ARM and x86 server and workstation platforms. Engineered as the ultimate alternative to Intel VROC, HighPoint's Bootable NVMe RAID AICs deliver a robust, high-speed, redundant boot solution tailored for data-intensive industrial and edge computing workloads.

### **Versatile and Scalable Storage Solutions**

#### **Independent Bootable Solutions for Any Platform**

HighPoint's NVMe Boot RAID AICs are engineered to support any x86 Intel or AMD server or workstation, as well as ARM-based platforms, providing seamless compatibility across a variety of hardware ecosystems. This universal design ensures businesses can leverage redundant boot solutions without being locked into a specific architecture, simplifying management and reducing complexity in mixed-platform environments.

#### **Wide Range of NVMe Gen4 and Gen5 x16 AIC Support**

The family offers extensive support for NVMe Gen4 and Gen5 x16 AIC configurations, with options ranging from 2 to 4 M.2 ports. This flexibility allows organizations to choose the configuration that best aligns with their performance and storage needs, whether they require a compact setup for edge computing or high-density storage for data centers.

#### **Flexible Storage Expansion**

HighPoint's NVMe Boot RAID AICs enable businesses to scale their storage infrastructure effortlessly. They support single or multiple boot drives, ensuring redundancy and fail-safe operations for mission-critical applications. Additionally, the ability to configure mixed boot/data RAID arrays provides unparalleled versatility, allowing organizations to optimize storage resources for both boot and data workloads simultaneously.

#### **Advanced Management Solutions**

The AIC family is equipped with a PreOS UEFI Boot Management solution, enabling users to configure and manage boot settings directly at the firmware level. HighPoint provides user-friendly graphical and command-line management interfaces at the OS level, simplifying day-to-day administration and maintenance. These tools empower IT professionals to fine-tune storage configurations, monitor drive health, and ensure optimal performance for their specific workloads.

#### **Comprehensive Support for All Customers**

HighPoint is committed to delivering exceptional support to all its customers, regardless of their scale or complexity. From initial product consultation to post-purchase technical assistance, HighPoint's dedicated team of experts ensures that businesses can maximize the value of their investments and achieve seamless integration into their existing IT infrastructure.

## Conclusion

With the launch of its NVMe Boot RAID AIC family, HighPoint Technologies is setting a new standard for enterprise-grade storage solutions. As the ultimate alternative to Intel VROC, these solutions empower organizations to achieve greater flexibility, performance, and reliability in their storage infrastructure. HighPoint remains at the forefront of storage innovation, delivering cutting-edge technologies that meet the evolving needs of today's data-driven world.

## Learn More

### Gen4 Series:

#### SSD7502 Half-Height PCIe 4.0 x16 2-Port M.2 NVMe RAID AIC

<https://www.highpoint-tech.com/nvme-individual/ssd7502>

#### SSD7505 PCIe 4.0 x16 4-Port M.2 NVMe RAID AIC

<https://www.highpoint-tech.com/nvme-individual/ssd7505>

### Gen5 Series:

#### Rocket 1628A - PCIe Gen5 x16 to 4x M.2 NVMe Switch Adapter

<https://www.highpoint-tech.com/nvme-switch-adapter/gen5/rocket-1628a>

#### Rocket 1608A - PCIe Gen5 x16 to 8-M.2x4 NVMe Switch AIC

<https://www.highpoint-tech.com/nvme-switch-aic/gen5/rocket-1608a>

#### Rocket 7608A - PCIe Gen5 x16 to 8-M.2x4 NVMe RAID AIC

<https://www.highpoint-tech.com/nvme-raid-aic/gen5/rocket-7608a>

#### Rocket 7628A - PCIe Gen5 x16 to 4-M.2 NVMe RAID Adapter

<https://www.highpoint-tech.com/nvme-raid-adapter/gen5/rocket-7628a>

## About HighPoint Technologies, Inc.

HighPoint Technologies is a leading innovator in high-performance, high-density NVMe Switch and RAID AIC solutions, designed to address the dynamic requirements of AI/ML/LLM applications, data centers, edge servers, and high-performance workstations. With nearly three decades of experience, HighPoint continues to deliver reliable, scalable, and high-performance storage solutions that empower businesses to stay ahead in the rapidly evolving technology landscape.