

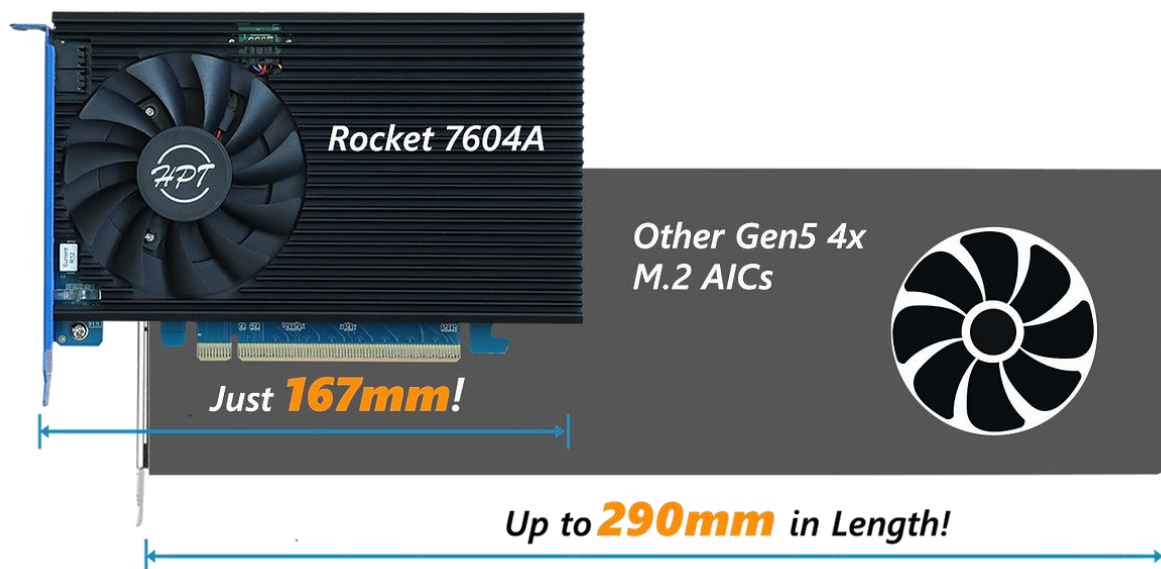
HighPoint Announces the Industry's 1st Gen5 NVMe RAID AIC at \$999; over 50GB/s Performance Power!

We are thrilled to announce a landmark pricing strategy for our Gen5 x16 4x M.2 NVMe AIC series, making cutting-edge performance more accessible than ever.

Now available for USD\$999 and \$899 respectively, the Rocket 7604A RAID AIC and Rocket 1604A Switch AIC represent an exceptional value by doubling the performance capabilities of conventional 4-port NVMe solutions with over 50GB/s+ of real-world transfer speed.

This significant pricing offer reflects our commitment to accelerating market adoption of today's leading SSD media and enabling a wider range of industrial and high-performance computing applications to leverage the full power of Gen5 NVMe storage technology.

Tiny Size, Bold Performance!



HighPoint's Rocket 7604A and Rocket 1604A AICs redefine storage performance for space-constrained industrial and edge computing environments. Powered by HighPoint's revolutionary PCIe Gen5 Switching Architecture and Broadcom's PEX89048 PCIe Switch IC, these AICs deliver a class-leading 50+GB/s of real-world transfer speed, with x4 lanes of dedicated Gen5 bandwidth available for each M.2 port! To address the critical needs of industrial customers, our engineering team meticulously re-engineered the AIC PCB to conform to the FH-HL form factor, resulting in an unprecedentedly compact PCIe device measuring just 167mm in length - dramatically shorter than typical 4-Port Gen5 cards, which often exceed 290mm. This was achieved through a custom-built, self-contained cooling solution featuring a full-size aluminum heatsink and ultra-quiet 80x80x10 fan, ensuring optimal thermal management for top-tier Gen5 M.2 drives without upgrading the host system's cooling system. This innovative design can directly host up to 32TB of Gen5 NVMe storage and guarantee peak SSD performance without compromising the integrity of the M.2 media, making these AICs ideal for applications where speed, reliability, and space efficiency are paramount.

RAID Storage Management Suite – Storage Health and Security Within Your Reach

The Rocket 7604 RAID AIC offers a comprehensive NVMe RAID storage solution designed for robust performance and simplified management. It boasts an extensive suite of self-diagnostic capabilities, including intelligent 1-Click Self-Diagnostic & Logging, and intuitive color-coded LEDs and audible alarms for instant operational status assessment of PCIe connections and RAID arrays. Management is made flexible through a user-friendly WebGUI, a streamlined CLI for advanced users, and a UEFI-HII Tool for BIOS-level configuration. To ensure optimal performance and longevity, the AIC integrates an Intelligent Proactive-Cooling Solution featuring a low-decibel fan, full-length aluminum heatsink, and a network of sensors that actively regulate fan speed to prevent thermal throttling of the switch chipset and M.2 SSDs. Furthermore, its Environmental Monitoring, Logging & Analysis Solution, accessible via the WebGUI, provides real-time tracking of SSD temperature and power usage. For data security, HighPoint SafeStorage offers OPAL SSC TCG based NVMe hardware encryption (SED), easily administered via the WebGUI and CLI, protecting sensitive data from unauthorized access. Finally, with FRU (Field Replaceable Unit) support and stored VPD, the Rocket 7604 ensures streamlined maintenance and replacement with correct firmware/driver combinations.

Unprecedented Gen5 Storage Performance and Reliability at an Unbeatable Price Point

HighPoint's Rocket 7604A and Rocket 1604A AICs not only deliver unprecedented Gen5 storage performance of up to 56GB/s, they have established a new standard for compact, thermally optimized NVMe solutions at an accessible price point. These revolutionary AICs are engineered to meet the demanding requirements of industrial, edge, and HPC workflows, providing bold performance in a tiny footprint. Embrace the future of high-speed storage—now within reach—and transform your critical applications with HighPoint's leading-edge Gen5 technology.

Learn More

[Rocket 7604A 4x M.2 PCIe 5.0 x16 NVMe RAID AIC](#)

[Rocket 1604A 4x M.2 PCIe 5.0 x16 NVMe Switch AIC](#)