HighPoint Announces ARM Platform Support for their industry Leading NVMe Storage and Connectivity Solutions

January 2025, Fremont CA - HighPoint Technologies, a leader in advanced PCIe NVMe Storage and Connectivity Solutions, has announced the expansion of its NVMe product lines to support ARM-based computing platforms. This strategic move addresses the growing demand for high-performance, scalable, and energy-efficient storage solutions for data center and edge computing environments designed to host demanding IoT servers, and AI-driven applications.

Key Highlights:

Scalable Storage Capacity: HighPoint's high-density NVMe solutions support up to 32 devices per PCIe slot, addressing the growing demand for massive storage capacity.

Unparalleled Performance: HighPoint's proven PCIe Switching Architecture delivers industry-leading NVMe storage performance, reliability, and scalability.

Robust Storage Management and Monitoring: Integrated hardware sensors, real-time status and health monitoring, and a comprehensive storage management suites streamline deployment and service workflows for ARM platforms

Customizable Solutions: HighPoint diverse lines of NVMe Switch and RAID storage connectivity solution can be custom tailored with firmware, driver, and storage management tools for unique applications and seamless integration with ARM platforms.

"Our expansion into ARM-based computing platforms reflects HighPoint's commitment to driving innovation and addressing the evolving needs of data center and edge computing environments," states May Hwang, VP of Marketing at HighPoint Technologies. *"By leveraging unparalleled NVMe storage performance, scalability, and energy efficiency with our versatile and customizable solutions, we empower customers to seamlessly integrate high-performance storage into their IoT servers and AI-driven applications, paving the way for next-generation computing solutions."*

HighPoint's comprehensive NVMe product lines span multiple PCIe generations, from Gen3 to Gen5 x16, delivering industry-leading performance and scalability for industrial IoT server environments. With an extensive range of board form factors, including M.2/E1.S Add-In Cards (AICs), U.2/U.3, E3.S, and EDSFF Adapters, as well as External Storage Enclosures, HighPoint provides a comprehensive portfolio of versatile, high-efficiency NVMe storage and connectivity solutions tailored to meet the diverse demands of modern IoT deployments. Designed for seamless integration and optimized for superior transfer bandwidth and reliability, these cutting-edge solutions empower industrial IoT servers to excel in edge computing, analytics, and automation applications.

Learn More

For more information about HighPoint NVMe solutions for ARM platforms, please contact Sales@highpoint-tech.com.

NVMe Switch Adapter Series

NVMe Switch M.2 AIC Series

NVMe RAID Adapter Series

NVMe RAID M.2 AIC Series

NVMe RAID E1.S AIC Series

External RAID & Storage Enclosures

SSD6200A Series

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/Intel and ARM 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.