

HighPoint and ICY DOCK Announce New Collaboration for Gen5 Enterprise Storage

FREMONT, CA and CITY OF INDUSTRY, CA – February 2026 – HighPoint Technologies Inc., a premier manufacturer of high-performance, high-density NVMe Switch and RAID Add-In Card (AIC), Adapter Storage Solutions for off-the-shelf x86 (AMD and Intel) platforms, and ICY DOCK®, a leading manufacturer of hot-swappable enterprise and industrial grade NVMe mobile rack drive enclosures, today announced integration-ready Gen5 NVMe storage expansion solutions for high-performance edge server and workstation platforms.

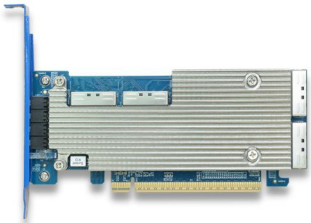
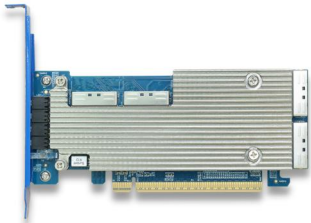
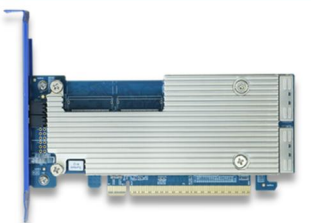
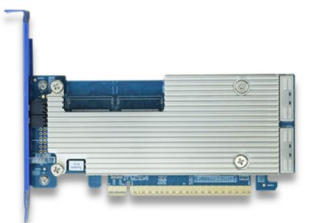
The collaboration validates HighPoint's Rocket 1600 Switch and 7600 Pro/RAID series MCIO Adapters with ICY DOCK's MB699V5P 4-Bay PCIe Gen5 Mobile Rack, creating a seamless, high-speed, hot-swappable NVMe storage solution for enterprise workloads.

"These collaborative solutions have been engineered to meet the increasing demand for NVMe storage that delivers both high-speed processing and large-scale capacity." Explains May Hwang, Marketing Director at HighPoint Technologies, Inc. "They are ideally suited for data-intensive workloads such as AI and machine learning, media post-production, 3D rendering, HPC, and engineering applications. By combining HighPoint's Gen5 x16 NVMe switch adapters with ICY DOCK's proven mobile rack architecture, this platform provides a robust yet flexible Gen5 NVMe storage expansion solution, enabling large arrays of enterprise NVMe drives to be seamlessly integrated into standard 5.25" or 3.5" chassis bays."

"HighPoint's Gen5 NVMe switch and RAID adapters pair perfectly with ICY DOCK's removable U.2 drive mobile rack to solve one of the biggest challenges in enterprise NVMe deployments - scalable performance with serviceability," said Ted Lin, USA Branch Manager at ICY DOCK. "This collaboration delivers a true plug-and-play Gen5 NVMe storage solution that enables system integrators and enterprise customers to deploy high-density NVMe storage while maintaining the flexibility to easily install, remove, and service drives in mission-critical environments."


Industry-Leading PCIe Gen5 Adapter Solutions

HighPoint’s Rocket 7600 Pro/RAID and 1600 series Switch adapters are enterprise-grade NVMe storage expansion solutions optimized for AI, HPC, and other data-intensive applications. These adapters support large NVMe SSD arrays, delivering maximum transfer bandwidth, ultra-low latency, and advanced management features including RAID and SED support.

<p>Rocket 1628A Switch Adapter</p> 	<ul style="list-style-type: none">• PCIe Gen5 x16• 4x MCIO Ports• Directly Supports up to 8x NVMe SSDs• Directly supports up to 2x MB699V5P-B Mobile Racks	<p>Rocket 7628A Pro/RAID Adapter</p> 	<ul style="list-style-type: none">• PCIe Gen4 x16• 4x MCIO Ports• Directly Supports up to 8x NVMe SSDs• RAID 0, 1, 10• Directly supports up to 2x MB699V5P-B Mobile Racks
<p>Rocket 1624A Switch Adapter</p> 	<ul style="list-style-type: none">• PCIe Gen5 x16• 2x MCIO Ports• Directly Supports up to 4x NVMe SSDs• Directly supports a single MB699V5P-B Mobile Rack	<p>Rocket 7624A Pro/RAID Adapter</p> 	<ul style="list-style-type: none">• PCIe Gen4 x16• 2x MCIO Ports• Directly Supports up to 4x NVMe SSDs• RAID 0, 1, 10• Directly supports a single MB699V5P-B Mobile Rack
Enterprise grade NVMe Storage solution with plug & play integration; natively supported by Windows & Linux platforms		High-Performance NVMe adapters with proven RAID technology and SED support for unique applications or workloads.	

Proven NVMe Storage Enclosures for Professional Platforms

The ICY DOCK ToughArmor MB699V5P-B is a 4-bay PCIe Gen5 U.2/U.3 NVMe SSD mobile rack enclosure for external 5.25" drive bays, engineered to support high-density, removable NVMe drive storage in enterprise server and workstation environments.

<p>ToughArmor MB699V5P-B</p> 	<ul style="list-style-type: none">• Supports 4x PCIe Gen5 NVMe SSDs with transfer rates up to 128Gbps per SSD• 2x MCIO Ports• Removable all-metal drive trays
4-Bay PCIe 5.0 U.2/U.3 NVMe SSD Mobile Rack Enclosure for External 5.25" Drive Bay	

[Learn More](#)

About HighPoint Technologies

HighPoint Technologies stands as a global leader in PCIe connectivity solutions and a premier manufacturer of high-performance, high-density NVMe Switch and RAID AIC & Adapter Storage Solutions. 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.

About ICY DOCK

ICY DOCK® is a leading manufacturer of enterprise and industrial-grade storage enclosures, specializing in hot-swappable mobile rack solutions for NVMe, SAS, and SATA storage. With a strong focus on performance, reliability, and serviceability, ICY DOCK products are widely adopted in data centers, edge servers, workstations, and industrial computing platforms worldwide. ICY DOCK's solutions are designed to help system integrators and enterprises deploy high-density storage with maximum flexibility and long-term reliability. For more information, please visit ICY DOCK Global.