

HighPoint and ICY DOCK Partner to Deliver Fast & Flexible NVMe Storage Expansion Solutions for Professional Computing Environments

FREMONT, CA and CITY OF INDUSTRY, CA – [September 2025] – HighPoint Technologies Inc., a global leader in PCIe connectivity and NVMe storage expansion, and ICY DOCK®, a trusted innovator in professional storage enclosures and mobile rack solutions, have formed a strategic partnership to deliver a series of high-performance, integration-friendly NVMe storage solutions for workstations, servers, and custom-built computing platforms.

Designed to addresses the growing demand for high-speed data processing and massive storage capacity in data-intensive industries, including AI/ML workloads, media post production, CAD/CAM design, 3D rendering, and HPC, the solutions leverage HighPoint's cutting-edge Gen4 x16 NVMe Switch adapters with ICY DOCK®'s innovative mobile racks to deliver a powerful and flexible storage expansion platform. Ideal for professional workstations and custom-built computing environments, the flexible storage infrastructure enables businesses to integrate fast, hot-swappable enterprise-grade NVMe media into industry-standard 5.25" or 3.5" device bays, a feature not typically available with standard workstation configurations.

Industry Leading PCIe Gen4 NVMe Storage Adapters

HighPoint Rocket series PCIe Gen4 x16 NVMe Adapters are powered by an integrated 48-lane PCIe Gen4 Switch IC which allocates x8 dedicated lanes to each of the four SlimSAS ports to deliver maximum bandwidth and transfer performance. The industry standard LP MD2 low-profile form-factor and native hardware support facilitates seamless compatibility with a wide range of ARM and x86 Intel & AMD-based rackmount and workstation platforms.

Rocket 1528D Switch Adapter		Rocket 7528D Pro Adapter	
	• PCIe Gen4 x16 • 4x SlimSAS Ports • Directly Supports up to 8x NVMe SSDs		• PCIe Gen4 x16 • 4x SlimSAS Ports • Directly Supports up to 8x NVMe SSDs • RAID 0, 1, 10
Simple, Drop-in Enterprise grade NVMe Storage solution; natively supported by all modern Windows & Linux platforms		Features Flexible RAID technology, a comprehensive NVMe management and monitoring suite, and SED support for unique workflows.	

Available for Pro series solutions, HighPoint’s comprehensive **RAID solution suite, Pro-Active NVMe hardware monitoring systems** and **firmware customization services** enable customers to address project-specific performance, security and scalability requirements.

“The synergy between HighPoint’s Gen4 NVMe Switch & RAID Adapters and ICY DOCK’s Mobile Rack solutions delivers the perfect balance of speed, capacity, and integration flexibility,” said **May Hwang**, Marketing Director at HighPoint Technologies. “The ability to easily manage and swap NVMe drives without compromising performance or reliability is a game-changer for content creators, data scientists, and engineers.”

Innovative NVMe Storage Enclosures for Professional Server & Workstation Platforms

ToughArmor MB118VP-B	ToughArmor MB873MP-B V2
	
6 Bay 2.5" U.2/U.3 NVMe SSD (7mm) PCIe 4.0 Mobile Rack Enclosure for External 5.25" Drive Bay (3 x SlimSAS SFF-8654 8i)	8 Bay M.2 NVMe SSD PCIe 4.0 Mobile Rack Enclosure for External 5.25" Drive Bay (8 x OCuLink SFF-8612)

HighPoint’s expertise in high-speed connectivity and RAID technology is the perfect complement to our enterprise-grade Gen4 Mobile Rack solutions,” said Ted Lin, USA Branch Manager at ICY DOCK. “Through ongoing joint certification efforts, we’re delivering reliable, high-speed NVMe storage integration that empowers professionals to scale their storage, streamline their workflows, and protect their valuable data.”

This collaboration provides a scalable and reliable storage foundation for professionals across various sectors, including media and entertainment, engineering, AI/machine learning, and scientific research.

In summary

HighPoint Technologies and ICY DOCK strategic partnership leverages state of the art storage technology to deliver powerful and flexible, high-performance NVMe storage expansion solutions for today’s most data-intensive applications. The combination of HighPoint’s Gen4 x16 NVMe switch adapters with ICY DOCK’s mobile racks enable customers to seamlessly integrate enterprise-class NVMe media into their server, workstation and edge computing environments.

Learn More

About HighPoint Technologies

HighPoint Technologies, Inc. is a global leader in high-performance storage and connectivity solutions. Backed by 30 years of industry experience, we specialize in pioneering PCIe connectivity and storage expansion technologies, including NVMe, SAS/SATA, USB, and Thunderbolt. Our unwavering commitment to innovation has enabled us to deliver reliable, high-density solutions that meet the evolving demands of today's marketplace.

Our Expertise & Solutions Powered by proven PCIe switching technology, our product portfolio includes scalable NVMe Switch and RAID AICs & Adapters, PCIe expansion platforms, and external storage and GPU connectivity solutions. We leverage decades of combined software and hardware expertise to engineer solutions that deliver exceptional performance and reliability for mission-critical applications.

Target Markets & Applications Our technology is employed by enterprises and professionals across the globe to address today’s most demanding applications. HighPoint solutions are the foundation for data-intensive workloads in AI/ML/LLM, data centers, edge servers, and high-performance workstations, supporting both x86 (AMD/Intel) and ARM platforms. For more information, please visit [HighPoint Technologies](#).

About ICY DOCK

ICY DOCK is a professional storage enclosure company committed to designing and manufacturing innovative industrial and rugged data storage solutions for both personal and enterprise use. For more information, please visit [ICY DOCK Global](#).