

## HighPoint Unveils the Industry's only true Dedicated PCIe Gen5 & Gen4 x16 PCIe GPU Expansion Solutions

**March 2025 – Fremont, CA** - In today's demanding computing environments, where performance, flexibility, and reliability are critical, HighPoint Technologies has introduced an innovative solution to address the limitations of traditional GPU expansion. The RocketStor PCIe GPU Expansion chassis represents the industry's only true dedicated PCIe Gen5 & Gen4 x16 solutions, designed to unlock the full potential of top-tier NVIDIA, AMD, and Intel GPUs. This breakthrough technology is ideal for platforms constrained by limited PCIe slot space or encounter performance bottlenecks with Thunderbolt or OcuLink solutions.

### Key Features of the RocketStor PCIe GPU Expansion Chassis

**Unrestricted Performance:** Leveraging industry-leading PCIe switching technology, the RocketStor 8531AW/RocketStor 8631CW ensures x16 host-to-device bandwidth, delivering unrestricted performance for demanding workloads, superior performance than conventional Thunderbolt or OcuLink solutions

**Universal GPU Compatibility:** The solution supports a wide range of full-height, 2-slot, and 3-slot GPUs from leading manufacturers like NVIDIA, AMD, and Intel, making it a versatile choice for diverse computing needs.

**Power Delivery for High-End GPUs:** The chassis provides up to 600W of direct power, ensuring that even the most power-hungry GPUs operate at peak performance.

**Robust, Enterprise-Grade Connectivity:** Equipped with external CopprLink and CDFP cables, the RocketStor 8531AW/RocketStor 8631CW offers enterprise-grade reliability and low-latency connectivity.

**Space-Saving Design:** The low-profile host interface adapter is ideal for compact systems, making it easy to integrate into various computing environments.

**Advanced Cooling System:** An integrated dual-fan cooling system with programmable smart fan control prevents thermal throttling, ensuring consistent high-performance operation.

**Seamless Installation:** The RocketStor supports plug-and-play functionality across Linux and Windows platforms, eliminating the need for complex software installations.

### Target Use Cases

The RocketStor PCIe GPU Expansion chassis is designed to cater to a variety of high-performance computing demands, including:

**AI/ML Computing & Deep Learning:** Accelerate complex machine learning models and neural network training with unrestricted GPU performance.

**Scientific Research & Big Data Analytics:** Handle massive datasets and complex computations with ease, driving innovation in research-intensive fields.

**High-Performance Content Creation & Rendering:** Empower creative professionals with the power to render high-resolution media, including 4K/8K video and 3D graphics, with minimal latency.

**Enterprise Workloads & Cloud Computing:** Optimize data processing, virtualization, and cloud-based operations with a scalable and reliable GPU solution.

**High-End Gaming & Media Platforms:** Deliver immersive gaming experiences and smooth media playback with the full power of high-end GPUs.

### **In Summary**

HighPoint's RocketStor 8531AW and RocketStor 8631CW establish a new standard for GPU expansion solutions, offering unparalleled performance, flexibility, and reliability. As the industry's only true dedicated PCIe Gen5 & Gen4 x16 solutions, they empower organizations and professionals to tackle their most demanding workloads with confidence. With its universal compatibility, robust connectivity, and advanced cooling system, the RocketStor is poised to become the go-to solution for high-performance computing in the modern era.

### **Learn More**

**RocketStor 8531AW – PCIe 4.0 x16 GPU Expansion Chassis**

<https://www.highpoint-tech.com/rs8531aw-individual-page/>

**RocketStor 8631CW – PCIe 5.0 x16 GPU Expansion Chassis**

**Coming Soon**

### **About HighPoint Technologies, Inc.**

HighPoint is committed to providing innovative, reliable, and scalable solutions that meet the evolving demands of today's high-performance computing and gaming industries. Our team is dedicated to helping you achieve your technical and business goals, ensuring your systems run at peak efficiency.

We invite you to explore our PCIe Gen5 and Gen4 x16 expansion solutions and experience the difference that HighPoint makes. For more information, visit our website or contact our sales team directly.