

## HighPoint's PCIe Gen5 x16 RocketStor 8631CW Breaks New Ground for GPU Expansion

**Does your platform lack the interior space to host today's fastest 2-slot and 3-slot GPUs?**

**May 2025 – Fremont, CA** - HighPoint's RocketStor 8631CW represents a revolutionary leap forward in eGPU (external GPU) connectivity. Designed for professional media, industrial applications, and high-demand computing environments, the RocketStor 8631CW leverages industry-proven PCIe Switching technology and robust CopprLink CDFP connectivity to deliver an unprecedented x16 lanes of dedicated host-to-device PCIe 5.0 bandwidth.

### Key Features

Burdened by performance and latency bottlenecks imposed by Thunderbolt and OcuLink connectivity? This groundbreaking solution liberates users from the limitations of conventional eGPU solutions, offering unparalleled performance and flexibility.

**Unleash the True Potential of Your GPU with Industry-Leading PCIe Switching Technology:** The RocketStor 8631CW harnesses the power of cutting-edge PCIe Gen5 switching technology to ensure your GPU operates at its maximum potential. This technology eliminates the performance and latency bottlenecks commonly associated with traditional eGPU enclosures, providing a seamless and efficient connection between your host system and GPU.

**Ready for Today's Fastest, Power-Hungry GPUs:** The RocketStor 8631CW is engineered to support the most advanced, power-hungry GPUs available, including full-height, 2-slot, and 3-slot models from NVIDIA, AMD, Intel, and more. It provides a massive 600W of direct power, ensuring that even the most demanding GPUs can operate at peak performance without any power-related constraints.

**Robust CopprLink CDFP Connectivity Delivers x16 Lanes of Dedicated Gen5 Host Bandwidth:** The innovative CopprLink CDFP connectivity delivers a dedicated x16 lane connection, offering a staggering 128GB/s of bi-directional bandwidth. This ensures that your GPU receives the full bandwidth it needs to handle the most intensive workloads with ease.

**Low-Profile LP-MD2 Adapter for Compact Workstations and Mini-PCs:** The RocketStor 8631CW includes a low-profile LP-MD2 adapter, making it an ideal solution for compact workstations, rackmount chassis, and mini-PCs. This adapter ensures that even space-constrained systems can take advantage of the RocketStor 8631CW's powerful capabilities.

**Advanced Dual-Fan Cooling System with Programmable Smart Fan Control:** To maintain optimal performance, the RocketStor 8631CW features an advanced dual-fan cooling system with programmable smart fan control. This system effectively dissipates heat, preventing thermal throttling and ensuring that your GPU operates at peak performance even under heavy loads.

**Simple & Seamless Plug-and-Play Software-less Installation for Linux & Windows Platforms:** The RocketStor 8631CW offers a straightforward plug-and-play installation process that requires no additional software. This makes it easy to integrate into both Linux and Windows platforms, allowing for quick and efficient deployment in any professional or industrial environment.

## Target Use Cases

**AI/ML Computing & Deep Learning:** The RocketStor 8631CW is perfect for AI and machine learning applications that require the processing power of high-end GPUs. Its robust connectivity and power delivery ensure that these demanding workloads are handled with ease.

**High-Performance Content Creation & Rendering:** For content creators and 3D artists, the RocketStor 8631CW provides the performance needed for real-time rendering and high-resolution video editing, making it an invaluable tool for professional media production.

**High-End Gaming, VR, and Media Platforms:** Gamers and VR enthusiasts can benefit from the RocketStor 8631CW's ability to support the latest, most powerful GPUs, providing a smooth and immersive gaming experience.

**Scientific Research & Big Data Analytics:** Researchers and data scientists can leverage the RocketStor 8631CW to accelerate complex computations and data analysis, enabling faster insights and more efficient research processes.

**Enterprise Workloads & Cloud Computing:** The RocketStor 8631CW is also suited for enterprise environments, where it can enhance the performance of cloud computing platforms and support the demanding workloads of large-scale data centers.

## In Summary

HighPoint RocketStor 8631CW is a game-changing eGPU expansion solution that breaks free from the constraints of traditional connectivity options. With its industry-leading PCIe Gen5 switching technology, robust CopprLink CDFP connectivity, and advanced cooling system, it delivers unparalleled performance and reliability for a wide range of applications. Whether you're a professional media creator, a data scientist, or an enterprise IT manager, the RocketStor 8631CW is designed to meet your most demanding GPU expansion needs.

## Learn More

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

<https://www.highpoint-tech.com/rs8631cw-individual-page>

## 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, video editing, AI, and 3D rendering applications. 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.