HighPoint eGPU Expansion Chassis: Empowering Compact Media Workstations & High-End Mini PCs

April 2025 – Fremont, CA - In the ever-evolving world of content creation, gaming, and high-performance computing, the demand for compact yet powerful systems is at an all-time high. While Mini form-factor PCs offer the advantage of space efficiency, they often struggle to accommodate the latest, high-performance GPUs without sacrificing performance or responsiveness. To address this challenge, HighPoint has unveiled its groundbreaking RocketStor 8000 Series eGPU Expansion Chassis, a revolutionary solution that transforms Mini PCs into powerhouse workstations and gaming rigs.

RocketStor 8000 Series eGPU Expansion Chassis

The RocketStor 8000 Series is not just another eGPU solution. By leveraging HighPoint's cutting-edge PCIe Switching technology and CDFP/CopperLink cabling, these chassis offer unparalleled performance and flexibility for Mini-PCs and compact desktop workstations. Here's what sets them apart:

Supports Today's Fastest GPUs: RocketStor 8000 solutions are designed to support industry-standard full-height, 2-slot, and 3-slot GPUs from all leading manufacturers. Whether you're a content creator needing a powerful NVIDIA RTX GPU or an extreme gamer seeking the latest AMD Radeon card, these chassis have you covered.

Up to 600W of Direct Power: Each RocketStor 8000 chassis delivers up to 600W of direct power to deliver consistently high framerates, combat stuttering and minimize the likelihood of visual artifacts.

Maximizes Performance & Minimizes Latency: Unlike traditional Thunderbolt or OCuLink eGPU solutions, RocketStor 8000 chassis are powered by HighPoint's industry-leading PCIe Switching architecture. This technology, combined with CDFP/CopperLink cabling, provides x16 lanes of dedicated Gen4 or Gen5 bandwidth. The result? Maximum performance and minimal latency, ensuring that your applications run smoothly and responsively.

Designed for Compact Computing Environments: The RocketStor 8000's host adapter is compact, measuring only 6.57" x 4.33". This small footprint makes it easy to integrate into Mini-PCs, compact desktop workstations, and even Rackmount chassis. Despite its small size, it doesn't compromise performance or expandability.

Advanced Cooling System: To maintain optimal performance, the RocketStor 8000 chassis features a robust dual-fan cooling system with programmable smart fan control. This system effectively dissipates heat, preventing thermal throttling and ensuring that your system runs at peak performance even under heavy loads.

Seamless, Plug & Play Installation for Windows & Linux: RocketStor 8000 eGPU chassis are supported natively by all modern operating systems, including Windows and Linux. They require no additional drivers or software applications, making installation a breeze. Simply connect the chassis to your system, and you're ready to go.

In Summary

The RocketStor 8000 Series eGPU Expansion Chassis from HighPoint is a game-changer for compact computing environments. By empowering Mini-PCs and compact workstations with the ability to support today's fastest GPUs, these chassis open up new possibilities for content creators, gamers, and high-performance computing enthusiasts. With its advanced features, robust design, and ease of use, the RocketStor 8000 Series is poised to revolutionize the way we think about eGPU solutions.

Learn More

RocketStor 8531AW PCIe Gen4 x16 eGPU Expansion Chassis

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

RocketStor 8631CW PCIe Gen5 x16 eGPU 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, 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.