

HighPoint Upgrades RocketStor 8000 Series eGPU Enclosures with 850W PSU and Smart Cooling Solution for Gen5 GPUs.

Fremont, CA – September 2025 – HighPoint Technologies, Inc., a leading provider of high-performance storage and connectivity solutions, has announced a major upgrade for its acclaimed RocketStor 8000 Series eGPU expansion chassis. Both models, the RocketStor 8631CW (PCIe Gen5 x16) and RocketStor 8531AW (PCIe Gen4 x16), now feature a fully-integrated 850-watt power supply unit (PSU), engineered to provide the stable, sustained current required to maximize the performance capabilities of the latest generation of PCIe 5.0 GPUs.

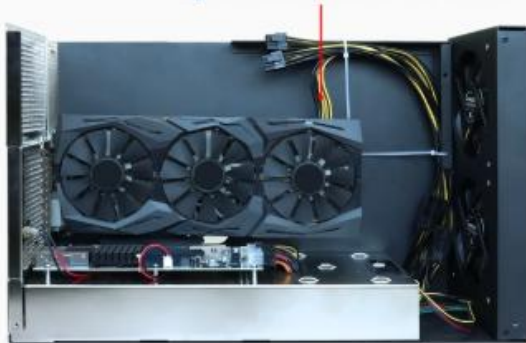
RocketStor 8000 series solutions enable Compact Servers, Mini-PCs and desktop workstations to fully harness the power of today's most powerful 2-slot and 3-slot GPUs. They are the industry's only eGPU solutions capable of delivering x16 lanes of dedicated PCIe Gen5 or Gen4 bandwidth, serving as critical enablers for data-driven AI/LM, HPC, 3D Design and Engineering workflows.

Supports full-height, 2-slot and 3-slot GPUs



The series' adoption of a new 850W PSU is a direct response to the needs of today's most resource-hungry applications, providing not just the raw wattage but the robust current delivery required to handle the extreme transient power spikes associated with Gen5 GPUs at peak load, preventing performance interruptions and system resets.

*Up to **850W**: direct to the GPU!*



Key Highlights of the Upgraded RocketStor 8000 Gen5 x16 eGPU Enclosure:

- **Unrestricted Gen5 x16 Bandwidth:** By leveraging HighPoint's proven PCIe switching technology and robust external CDFP connectivity, RocketStor 8000 series eGPU solutions deliver a dedicated x16 lanes of PCIe 5.0 bandwidth, eliminating resource bottlenecks associated with conventional eGPU enclosures and ensuring your GPU operates at its maximum potential.
- **Fully Maximizes Gen5 GPU Performance:** The new 850W PSU and intelligent power delivery architecture was incorporated to address the power-related issues associated with top-tier Gen5 GPUs, providing rock-solid stability and sustained peak-performance for power-hungry workloads in AI/LLM training, complex engineering simulations, and scientific research.
- **Universal Compatibility:** The external chassis was designed to host full-height, full-length (up to 370mm), and multi-slot GPUs from NVIDIA, AMD, and Intel, making it a versatile solution for a diverse range of professional applications.
- **Smart Cooling Solution:** Integrated power and temperature sensors work in tandem to ensure the built-in smart fan delivers sufficient cooling airflow to the hosted GPU to prevent thermal throttling and ensure maximum performance. The enclosure actively tracks key hardware metrics, including GPU activity and temperature, with an intuitive user interface that offers real-time monitoring and smart fan-control.
- **Plug-and-Play Simplicity:** The driver-less, plug-and-play design ensures seamless integration with Windows and Linux platforms, allowing professionals to instantly add high-performance GPU compute power to their systems without complex reconfigurations.

"The computational demands of AI and HPC are pushing the boundaries of what is possible, and the new generation of GPUs are at the forefront of this revolution," explains May Hwang, Marketing Director at HighPoint Technologies, Inc. "This upgrade enables customers to wield these resources with absolute confidence, providing a solution that is not only fast and reliable but also fully equipped to handle the unique power requirements of top-tier Gen5 GPUs; today and tomorrow".

Upgraded RocketStor 8000 series Gen5/Gen4 x16 eGPU Enclosures are now available through HighPoint's authorized distribution channels. For more information, visit HighPoint's official website at <https://www.highpoint-tech.com>.

Learn More

[RocketStor 8631CW - PCIe Gen5 x16 eGPU Expansion Chassis](#)

[RocketStor 8531AW - PCIe Gen4 x16 eGPU Expansion Chassis](#)

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](#).