



HighPoint Launches Rocket 1000 Fan & Fan-less NVMe HBA (Non-RAID) Family

April 2021, Fremont CA – HighPoint launches a new series of M.2 NVMe HBA's that enable customers to easily add high-speed NVMe storage to any modern computing platform.

HighPoint Rocket 1000 series NVMe host bus adapters are available with 4 or 8 independent M.2 ports, and are natively supported by the in-box drivers included with all major operating system platforms, including macOS Big Sur, current distributions of FreeBSD and Linux, and Windows 10 and Server 2019. Each HBA is equipped with an intelligent switch chipset, high-performance PCIe 3.0 x8 or x16 host interface, and ultra-efficient, Silent-Running or Low-Noise cooling systems, which are designed to work in tandem to ensure your NVMe storage is always up to the task.

Built-in High-speed, Intelligent Switch Chipset

Rocket 1000 Series NVMe HBA's integrate Broadcom's high-performance intelligent Gen3 PCIe switch chipset, which ensures maximum transfer bandwidth is available for each device port, at all times. Up to x4 dedicated lanes can be allocated to each M.2 NVMe SSD.

The integrated switch chipset enable Rocket 1000 series HBA's to be used with nearly any modern computing platform with industry-standard PCIe 3.0 or 4.0 slots, and eliminates the need for Bifurcation support.

Versatile, Ultra-Efficient Cooling Systems

Low-noise or Silent Operation

Fan-less Cooling for Media Sensitive Work Environments

The 4-port Rocket 1104 and Rocket 1204 HBA's feature ventilated bracket and full-length black-anodized heat sink with high-conductivity thermal pad efficiently whisks waste heat away from hosted SSD's and critical controller componentry.

This robust, fan-less design allows for completely silent operation – ideal for applications that require low-noise work environments.

Ultra-Efficient M.2 Cooling System: The Rocket 1101 features a full-length anodized aluminum casing, with an integrated cooling fan and high-conductivity thermal cooling pad. This ultra-efficient, low-noise cooling system was designed to keep critical controller componentry and hosted NVMe SSD's within their temperature thresholds, even under sustained, full-load.

Low-Noise Hyper Cooling Solution: The Rocket 1108 employs our new ultra-efficient, Hyper-Cooling solution designed specifically for large M.2 configurations. The Hyper-Cooling system combines a high-conductivity thermal pad with an anodized aluminum heatsink equipped with dual built-in, low noise fans. This design ensures the M.2 SSDs, NVMe chipset and RAID componentry remain cool, even under heavy load, while minimizing the risk of distraction in the work environment.

Native, In-Box NVMe Device Driver Support

HighPoint NVMe HBA's were designed with simplicity in mind. All you need is a little patience and a screwdriver; just install the M.2 SSD's and plug in the card!

Rocket 1000 Series HBA's are natively supported by all major operating systems, including Windows 10, Windows Server 2019, macOS Big Sur, and current distributions of Linux. You won't need to juggle a series of device drivers, install a complex software suite, or master a specialized management interface. Your NVMe SSD's will be automatically recognized, and can be prepped and mounted using the operating system's standard tool set.

Supports any Off-the-Shelf M.2 NVMe SSD

Any Capacity, Any Generation & Any Form-Factor...

Rocket 1000 series M.2 ports are capable of supporting any industry standard off-the-shelf M.2 NVMe SSD, including high-capacity, double-sided drives. Customers are free to mix and match SSD's of varying sizes, form factors (2280, 2260, 2242 & 22110), and PCIe generations (3.0 or 4.0).

Pricing and Availability

HighPoint Rocket 100 series NVMe HBA's become available starting in early April 2021 from our North American Reseller and Distribution partners.

Rocket 1101 (4x M.2 Ports, PCIe 3.0 x16): MSRP USD \$

Rocket 1108 (8x M.2 Ports, PCIe 3.0 x16): MSRP USD \$

Rocket 1104 (4x M.2 Ports, PCIe 3.0 x16, Silent Cooling): MSRP USD \$

Rocket 1204 (4x M.2 Ports, PCIe 3.0 x8, Silent Cooling): MSRP USD \$