HighPoint to Showcase Next-Gen NVMe RAID Storage Solutions at FMS 2019

August 2019 - HighPoint will be showcasing the industry's fastest and most versatile NVMe RAID Storage solutions at this year's Flash Memory Summit, in Santa Clara, CA, August 6-8. Powered by our proven RAID IP and revolutionary Cross-Sync technology, our NVMe solutions can deliver up to 28,000 MB's of performance via internal/external configurations of M.2 or U.2 drives, for Intel and AMD platforms across Windows, macOS and Linux operating systems.

Our comprehensive NVMe RAID Controller and enclosure product lines can be customized to meet the requirements of client defined storage applications across a wide range of OS and hardware platforms, and are ready to assist OEM/ODM customers during any stage of production – from the initial prototype through small-scale manufacture.

Industry Proven NVMe RAID Storage Solutions

HighPoint NVMe RAID controllers and external storage enclosures represent a paradigm shift for compact workstation and server storage applications. HighPoint NVMe solutions condense the performance and storage capacity of large-scale SATA SSD RAID arrays into compact, stand-alone devices that can be easily integrated into any modern workstation or server platform.

HighPoint NVMe RAID solutions deliver dedicated PCIe 3.0 x4 bus bandwidth for each individual NVMe SSD. This unique performance-focused architecture, combined with our industry proven RAID technology, allow customers to harness the true power of NVMe storage without sacrificing flexibility, or compromising data security.

Next Generation NVMe Showcase

HighPoint will be showcasing our next-generation NVMe RAID storage solutions at FMS 2019.

SSD7121 – 4x U.2 PCIe 3.0 x16 NVMe RAID Controller

The SD7121 is our second generation U.2 RAID controller. The SSD7121 directly supports up to 4x U.2 SSD's, and up to 8 NVMe drives of any form factor via a UBM/ IPMI compliant Backplane. Powered by our Cross-Sync RAID technology, up to 4 SSD7121 can be installed into a single motherboard to deliver over 28,000MB/s of transfer performance! In addition, the SSD7121 is hot-plug ready; administrators can add or remove NVMe SSD's on the fly, without having to power down the system or suspend the RAID controller.

- Supports up to 8x NVMe SSDs
- RAID 0, 1, 10 & JBOD (Bootable & Data Modes)
- Hot-Plug capable
- Compliant with UBM/ IPMI Backplanes
- Window and Linux Boot support
- RAID Management Interface, API library, NVMe Pass-through

SSD7103 – 4x M.2 PCIe 3.0 x16 RAID Controller

The SSD7103 is our second generation is the industry's fastest and most versatile NVMe-based bootable RAID controller. Customers can configure up to 4 M.2 drives for maximum performance, data security, or a combination of both.

Rapid-Boot: RAID 0 will both minimize boot-time and maximize transfer performance.

Secure-Boot: Configure up to two RAID 1 arrays, comprised of two M.2 SSD's, and set each to operate as a separate boot volume.

Security & Speed Boot - RAID 1/0, also known as "RAID 10" is comprised of two RAID 1 arrays, striped. The RAID 1 feature ensures a duplicate copy of your data is available in case of failure, while the stripe (RAID 0) relationship boosts performance.

Multi-Boot: Each M.2 SSD can be used independently, and each can host a different operating system.

- Support up to 4x M2 NVMe SSDs
- RAID 0, 1, 1/0 & JBOD (Bootable & Data Modes)
- Window, macOS and Linux Boot support

About HighPoint Technologies

HighPoint was founded in 1995. For over 20 years, we've dedicated ourselves towards the design, manufacture and deployment of quality RAID HBA's and RAID Storage Management Solutions. Our devoted team of experienced hardware and software engineers bring years of Storage RAID technology expertise to NVMe, SAS, SATA, Thunderbolt ™ and USB storage and connectivity applications.
HighPoint strives to bring high-performance, quality storage and connectivity solutions to the marketplace at the industry's best prices. We firmly believe that you do not have to sacrifice performance, versatility or reliability for affordability.