



## **HighPoint launches Insanely Fast Dual-Port PCIe Gen4 NVMe RAID Controller: up to 14,000MB/s!**

April 2021 – Fremont, CA. HighPoint's SSD7502 is the industry's fastest Dual-Port PCIe Gen4 RAID controller, & features bootable RAID support for Windows and Linux based platforms. The low-profile SSD7502 incorporates a state of the art Gen4 PCIe Switch Chipset and PCIe 4.0 x16 host interface to ensure each M.2 port operates at peak performance, and is capable of delivering sustained transfer speeds of nearly 13,000MB/s using just two Gen4 NVMe SSD'S!

### **Cutting-Edge PCIe Gen4 High-Speed Intelligent Switch Chipset**

The SSD7502 incorporates Broadcom's Next-Gen PCIe 4.0 switch chipset, which ensures maximum transfer bandwidth is available for each device port, at all times. The SSD7502 can be installed into any computing platform with an industry-standard PCIe 4.0 or 3.0 x16 slot. Like all SSD7500 series NVMe RAID controllers, the SSD7502 does not require a host platform with Bifurcation support, & is not dependent on a specific brand or model of motherboard.

### **Bootable RAID Solution for Linux & Windows**

The SSD7502 can be used to configure bootable RAID or single NVMe SSD configurations for Windows & Linux systems. Optional UEFI downloads & complete installation guides are available for each supported platform.

**RAID 0 (Rapid Boot)** - Also known as a "stripe" array, this mode delivers Maximum Performance and capacity by linking multiple NVMe SSD's together to act as a single storage unit.

**RAID 1 (Secure Boot)** - This mode creates a hidden duplicate of the target SSD, and is ideal for bootable volumes.

### **Gen4 Hyper-Cooling System**

*Ultra-Efficient, low-Noise Cooling Solution designed specifically for Gen4 NVMe SSD's.*

Maximizing Gen4 NVMe storage performance without the proper implementation of modern cooling apparatus is a risky proposition. PCIe 4.0 devices and NVMe SSD's generate considerable heat under heavy load. To combat the threat of overheating, SSD7500 Series RAID controllers are equipped with our innovative Gen4 NVMe Hyper-Cooling System, which combines an anodized aluminum heat sink, ultra-durable near-silent fan and high-conductivity thermal pad.

"Hyper-Cooling" refers to this unique design's ability to rapidly transfer waste heat away from critical NVMe and controller componentry to ensure your NVMe SSD's consistently operate within their recommended temperature thresholds, even under sustained heavy I/O.

## **Comprehensive NVMe RAID Management**

HighPoint's NVMe RAID management suite includes graphical and command line interfaces. The WebGUI is an intuitive web-based management tool and is ideal for customers who are new to RAID technology. The CLI (command line interface) is a powerful, text-only management interface designed for advanced users and professional administrators. Both interfaces were designed to streamline NVMe Storage Management. Customers can easily track TBW (Terabytes Written) and the temperature of each individual NVMe SSD, ensure the SSD7500 series controller is using the fastest available PCIe slot, configure an event log with email notification, and monitor the status of critical RAID configurations.

## **Pricing and Availability**

The SSD7502 NVMe RAID controller will become available starting mid-April 2021 from our North American Reseller and Distribution partners.

SSD7502 PCIe Gen 4 2x M.2 NVMe RAID Controller  
MSRP: USD\$ 449.00