



## **HighPoint Unveils the RocketRAID 2840A; the Industry's most Affordable 16 SAS/SATA Channel PCIe 3.0 RAID HBA!**

December 2017 – HighPoint has announced the availability of the industry's most affordable 16-Channel SAS RAID Controller to date – the RocketRAID 2840A, with a North American MSRP of \$249.00.

The RocketRAID 2840A builds on the success of our market-proven RocketRAID 2700 series of 6Gb/s SAS/SATA RAID HBA's, and breaks through the price barriers imposed on applications that demand PCIe 3.0 transfer performance. The 16 SAS/SATA channels and comprehensive RAID/JBOD capability have been condensed into a compact, low-profile form factor that can be easily integrated into nearly any modern computing platform.

### **Low Cost does not Mean Low on Features**

The RocketRAID 2840A capitalizes on HighPoint's two decades of RAID and storage technology to deliver professional grade RAID storage at a fraction of the cost of conventional host RAID solutions. Each controller is powered by our industry proven RAID technology, superior Gen 3.0 PCIe express transfer bandwidth, and sixteen dedicated 6Gb/s SAS channels, which support robust, high-performance RAID 0, 1, 5, 6, 10, 50 and JBOD configurations of SAS or SATA hard drives of any disk format, including 512, 512e and 4Kn.

RocketRAID 2840A RAID controllers are designed to maximize the uptime and accessibility of RAID storage in any supported working environment. Integrated storage and RAID recovery features enhance data retrieval from failed disks and streamline rebuild sessions. The streamlined web-based management interface provides a wealth of monitoring and maintenance features that enable administrators to instantly check the status of individual drives and arrays, easily schedule verification sessions to ensure the health of each storage configuration. Advanced options such as Online Capacity Expansion (OCE), and Online RAID Level Migration (ORLM) allows administrators to add disks to or convert one RAID level to another in order to tune storage for maximum performance or data security. Future-Proof Online RAID Roaming allows customers to move existing RAID arrays to other RocketRAID controllers, RocketStor RAID Enclosures, and any future HighPoint RAID products.

### **Comprehensive OS Support**

The RocketRAID 2840A is compatible with all major operating systems including Microsoft Windows, Mac OS, Linux Distributions and FreeBSD. Comprehensive driver support ensures compatibility with the latest OS updates and patches, and the universal, web-based management interface ensures critical storage assets are always within reach.

The RocketRAID 2840A can be tailored to meet the requirements of client defined storage applications across Linux, Windows, Mac and FreeBSD platforms. Open source driver packages and a full-featured command line interface (CLI) are available for Linux value-add resellers. In addition, an API library is available for integration, and we offer a variety of Enclosure Management services including SGPIO, SES-2 and I2C.

### **Optional Cabling Solutions**

HighPoint provides a range of high-quality, cabling accessories for the RocketRAID 2840A, which have been tested with a variety of hardware platforms a qualified to meet industry standard performance and connectivity requirements, for quick, and efficient deployment.

**8643-4SAS-1M** - SFF-8643 to Controller and 4x SFF-8482 to 4x SAS Drives. (1 Meter Cable length.)

**8643-4SATA-1M** - SFF-8643 to Controller and 4x SATA to 4x SATA Drives. (1 Meter Cable length.)

## **Multi-HBA Solution**

HighPoint's multi-HBA (host bus adapter) Non-RAID solution software packages are available for all major operating system platforms including Windows, Linux, FreeBSD, and Mac OS. The device driver enables up to four independent cards to work in unison, and effectively function as a single 64-channel 6G SAS host controller. This innovative approach to direct-attached mass storage connectivity allows customers to simplify the build process, streamline maintenance procedures, and provides dedicated SAS 6Gb/s point-to-point bandwidth for each connected device.

The robust, versatile, device driver allows administrators to keep tabs on the operational status of each card and individual storage device via the intuitive web-based management interface.

## **Pricing and Availability**

The RocketRAID 2840A is now available from HighPoint's North American Retail and Distribution partners.

North American MSRP (USD):

RocketRAID 2840A: \$249.00

8643-4SAS-1M: \$29.99

8643-4SATA-1M: \$24.99

## **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.