HighPoint Unveils SATA 6Gb/s PCIe 3.0 RAID Host Adapter series; delivers over 6000MB/s of Performance!

July 2016, Milpitas, CA - For the past two decades, HighPoint has delivered industry proven RAID Technology, Storage Solutions, I/O Connectivity Controllers, and Devices to Fortune 500 Corporations, Professional Application Providers & individual enthusiasts.
We are proud to announce the launch of our RocketRAID 800 series host bus adapters; the industry's fastest SATA RAID Controllers. The PCIe Generation 3.0 host interface and dedicated 6Gb/s SATA channels work in tandem to deliver uncompromised transfer performance for up to 16 SSD's or hard disks.

Over 6000MB/s of Performance!

RocketRAID 800 series host bus adapters allow customers to take full advantage of the superior transfer performance delivered by PCIe 3.0. Unlike PCIe gen 2 host controllers, which can handicap the performance potential of large scale RAID storage comprised of 6G SSD drives, each of the 8PCIe lanes utilized by RocketRAID 800 adapters support up to 8 GT/s; ideal for multi-drive configurations of today's fastest SATA SSDs.
Backed by HighPoint's 20 years of RAID technology expertise, and professional-grade RAID Storage reliability and management capabilities, RocketRAID 800 series adapters are designed to accommodate a wide range of cost-effective, high-performance SATA storage applications.

Professional-Class RAID Solutions

RocketRAID 800 series host bus adapters capitalize on HighPoint's 2 decades of RAID and storage expertise to deliver professional grade RAID 0, 1, 5 6, 10, 50 and JBOD storage at a fraction of the cost of conventional host RAID solutions. A universal, web browser based management interface wide range of preemptive monitoring and maintenance features that enable administrators to easily schedule verification sessions to ensure the health of each RAID storage configuration. Advanced storage and RAID recovery tools enhance data retrieval from failed disks and streamline rebuild sessions.

Seamlessly Upgrade RAID Storage

RocketRAID 800 series host bus adapters deliver an unprecedented level of flexibility when it comes to storage configurations. Customers are free to expand or convert RAID storage configurations as needed to keep on top of the evolving demands of the storage application, without sacrificing existing data. Online Capacity Expansion (OCE) allows administrators to add new drives to existing arrays in order to expand available capacity. Online RAID Level Migration (ORLM) can convert one RAID level to another in order to tune storage configurations for maximum performance or data security. Arrays created with RocketRAID 800 adapters are future proof, Online RAID Roaming allows RAID arrays to be transferred directly to other 800series RAID controllers, and supports future product updates on the fly.

Customized Solution Services for Customers

HighPoint offers a range of Customized Solution services for SMB Customers. We can tailor RocketRAID 800 host bus adapters to meet the requirements of client defined storage applications across Linux, Windows, Mac and FreeBSD platforms, and are ready to assist Solution Providers with unique product branding. A full API library is available for integration projects and we offer a variety of Enclosure Management services including SGPIO and I2C.

OEM Series offer a Wide Selection of Drive Connectivity Solutions

With up to twelve Mini-SAS HD ports and 48 6Gb/s SATA channels, and powered by HighPoint's industry proven RAID technology and the superior transfer bandwidth provided by PCIe 3.0, RocketRAID 800 adapters are an ideal connectivity platform for affordable, high-performance, direct attached mass storage applications.

RocketRAID 800 Family Series:

- **RocketRAID 840A** – 16 Internal SATA Channels via 4x Internal SFF-8643 ports – Target ship date: 2nd week of August.

- **RocketRAID 820A** – 8 Internal SATA Channels via 2x Internal SFF-8643 ports –Only available to OEM's through Direct Sales

- **RocketRAID 822A**– 8 External SATA Channels via 2x Internal SFF-8643 ports –.Only available to OEM's through Direct Sales

- **RocketRAID 844A** – 16 External SATA Channels via 4x Internal SFF-8643 ports –Only available to OEM's through Direct Sales