



## Rocket 750

40-Channel SATA 6Gb/s PCI-Express 2.0 x8 HBA

### *The Industry's First 40-Port SATA 6Gb/s HBA*

#### **The Industry's 1st, Lowest-Cost 40-Port SATA 6Gb/s HBA**

HighPoint is proud to introduce our innovative SATA Aggregation Technology to the storage marketplace; this revolutionary architecture allows a single host adapter card to support up to 40 SATA hard drives, and represents the industry's lowest-cost mass SATA storage solution.

The Rocket 750 is ideal for applications that require huge levels of storage capacity such as data Libraries, archiving and backup solutions, but need to maximize cost savings over SAS expander-based configurations.

Powered by a PCIe 2.0 x8 host interface, 40 device channels, and HighPoint's Intelligent Storage Health Management Suite, the Rocket 750 is an ideal DAS solution for PC platforms and SMB server applications.

#### **Simplified Mass Storage Connectivity**

The Rocket 750's revolutionary HBA architecture removes the need for costly SAS expander devices and chassis backplane hardware, dramatically reducing up-front costs. The PCIe 2.0 x8 host interface and 6Gb/s SATA controller hardware deliver the ideal transfer bandwidth for applications focused on maximizing available storage capacity. Each device port supports up to four SATA hard drives: A single Rocket 750 is capable of supporting up to 40 4TB 6Gb/s SATA disks, for an unprecedented 160TB of directed-attached storage.

The industry-standard SFF-8087 Mini-SAS connectors streamline installation, upgrade and maintenance procedures and ensure maximum compatibility with industry standard storage cabling, accessories & chassis hardware.

#### **Cost Effective Mass Storage Solution**

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#### **Intelligent Storage Health Manager**

High-Density Storage Management at your fingertips - Instantly check the status of any storage device!

HighPoint has long recognized the value of unified management services. While other affordable mass storage solutions make do with the operating system's default utilities, or the disk manufacturer storage related monitoring software, Rocket 750 HBA's include HighPoint's comprehensive management suite known as Intelligent Storage Health Manager (ISHM).

ISHM allows administrators to instantly check the status of all hosted storage devices, including available capacity, the condition of individual drives, and the health of the Rocket 750 HBA.

#### **Feature Highlights**

- Simplified Mass Storage connectivity
- Cost Effective Mass Storage Solution
- Intelligent Storage Health Manager
- Major Operating System Platforms Support Ready


The built-in SMART monitoring service provides real time data for each individual SATA hard drive, and actively records all warnings errors, and hardware related failures associated with each device to the central Event Log.

ISHM allows administrators to login remotely via an internet connection or local network, and configure Email notification and alert services to keep abreast of changing storage conditions while in the field.

#### **Major Operating System Platform Ready**

HighPoint has developed a series of software suites that allow professional solution providers to quickly and easily integrate the Rocket 750 into all major PC operating system platforms including Windows 2012, 2008, 2007, and 8, Linux Distributions, and FreeBSD.

Rocket 750 Technical Specifications	
Chipset	Marvell 88SE9485
Data Transfer Rate	Up to 6Gb/s per port
Number of Device Ports	10
Host Bus Interface	PCI-Express 2.0 x8
Device Connector Type	Industry standard Mini-SAS (SFF-8087)
Onboard indicators/Monitor	Alarm Buzzer, Active/Fail LED's
Devices Supported	Directly supports 40 SATA devices
Backwards Compatibility	Backwards compatible with HighPoint 3Gb/s SATA RAID HBA
Physical Form Factor	Full Height
Management Suites	Intelligent Storage Health Manager (ISHM)
Monitoring and Management Support	SMTP, Event Log, SMART
Operating System Support	Windows Server 2012, 2008, 2007 & Windows 8 / Linux Distributions / FreeBSD
Operating Temperature	Work Temp: +5°C ~+ 55°C Storage Temp: -20°C ~ +80°C Relative Humidity: 5% ~ 60% non condensing
Operating Voltage	12V/3.3V Power: 11W
Mean Time Before Failure (MTBF)	920,585 Hours
Certification Approval	FCC/CE, WEEE

HBA Model	Rocket 750
Product Image	
Retail Box Dimensions	13.38" L x 7.68" H x 2.76" W
Retail Box Weight	1.23 lbs.
UPC Code	643653750016

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