HighPoint
Technologies, Inc.

Rocket 600 Series
2 & 4 Channel SATA 6Gb/s, PCI-Express 2.0 HBA

HighPoint 6Gb/s SATA HBA's

The Industry's most affordable SATA 6Gb/s Host Adapters

HighPoint's Rocket 600 Series HBA's are the Industry's most affordable, SATA 6Gb/s storage HBA's, and are ideal for desktop and workstation PC's.
Available with 2-4 Internal or external SATA ports, Rocket 600 series SATA 6Gb/s host bus adapters utilize a PCI-Express 2.0 host bus interface, and were designed to support today's fastest SATA 6Gb/s HDD's and SSD's.

Designed for PC Platforms

Rocket 600 series HBA's are the ideal platform for any cost-conscious SATA 6Gb/s storage upgrade project, and are easily installed into any PCI-Express capable PC.
Rocket 600 HBAs are backward compatible PCI-Express 1.0 and 2.0 motherboards, and are compliant with major PC operating systems including Windows 8, 7, Vista and Linux Distributions.

Supports all Generations of SATA Hard Drives and SSD's

Rocket 600 HBA's support the industry's latest 6Gb/s hard drives and SSD's, while providing full backwards-compatibility with legacy SATA 1.5Gb/s or 3Gb/s devices.
Rocket 600 series HBA's utilize industry standard cables and connectors to simplify hardware installation and storage upgrade projects.

Introducing the Rocket 600L Series: 2nd Generation SATA 6Gb/s HBA's

HighPoint has expanded its best selling SATA 6Gb/s product line with the introduction of the 4-channel Rocket 600L HBA's, which are available with internal or external port configurations.

The industry standard AHCI driver supports RAID 0 and 1 configurations.

Feature Highlights

- **PCI-Express 2.0 Host Interface**

- **Up to 4 SATA or eSATA Ports**

- **AHCI based RAID 0, 1**

- **AHCI compliance – driver less installation for compatible operating systems.**

Rocket 600 Series Technical Specifications

Data Transfer Rate	Marvell 88SE9235 (Rocket 600L) / 88SE912x (Rocket 600A)
Number of Device Ports	Up to 6Gb/s per port
Host Bus Interface	Up to 4 6Gb/s SATA ports
Device Connector Type	PCI-Express 2.0 x1/x4
Device Connector Type	Industry standard SATA/eSATA
Devices Supported	Directly supports 4 SATA devices
Physical Form Factor	Low Profile / Full Height (Rocket 644L)
RAID Features Suite (Rocket 600L only)	RAID 0, 1 (powered by Industry Standard AHCI)
Operating System Support	Windows 8, 7, 2008, Vista, Linux Distributions
Operating Temperature	Work Temp: +5°C ~+ 55°C Storage Temp: -20°C ~ +80°C Relative Humidity: 5% ~ 60% non condensing
Operating Voltage	PCI-e 12V: 2.5W; 3.3V: 0.7W
Mean Time Before Failure (MTBF)	920,585 Hours
Certification Approval	FCC, CE

2nd Gen 4-Port HBA Models	Rocket 640L	Rocket 644L
Product Image		
Host Bus Interface	PCI-Express 2.0 x4	PCI-Express 2.0 x4
Number of Device Ports	4 SATA Ports	4 eSATA Ports
Form factor	Low Profile	Full Height
Retail Box Dimensions	7.76"L x 6.81" W x 1.18" H	7.76" L x 6.81" W x 1.18" H
Retail Box Weight	0.51 lbs.	0.50 lbs.
UPC Code	643653640027	643653644032

2-Port HBA Models	Rocket 620A	Rocket 622A
Product Image		
Host Bus Interface	PCI-Express 2.0 x1	PCI-Express 2.0 x1
Number of Device Ports	2 SATA Ports	2 eSATA Ports
Form factor	Low Profile	Low Profile
Retail Box Dimensions	6.49" L x 6.49" W x 2.5" H	6.49" L x 6.49" W x 2.5" H
Retail Box Weight	1.00 lbs.	1.00 lbs.
UPC Code	643653620012	643653622016