HighPoint

Technologies, Inc.

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

The Industry's most affordable, SATA 6Gb/s connectivity 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 computing platforms.

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 ideal for any cost-conscious SATA 6Gb/s storage upgrade project, and are easily installed into any PCI-Express capable system.

Rocket 600 HBAs are backward compatible PCI-Express 1.0 and 2.0 motherboards, and are compliant with major PC operating systems including Windows 11, 10 / Windows Server 2012 R2 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 SSDs, 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 – driverless installation for compatible operating systems

Technical Specifications	Rocket 600	Rocket 600L
Data Transfer Rate	Up to 6Gb/s per port	
Number of Device Ports	2 6Gb/s SATA ports	4 6Gb/s SATA Ports
Host Bus Interface	PCIe 2.0 x1	PCIe 2.0 x4 (x2 electrical)
Device Connector Type	Industry standard SATA / eSATA	
Onboard indicators/Monitor	n/a	Alarm Buzzer, Active/Fail LED (R640L only)
Devices Supported	Directly supports up to 4 SATA drives	Directly supports up to 4 SATA drives
Physical Form Factor	Low-Profile	Low-Profile (R640L)
RAID Features Suite	n/a	RAID 0, 1 (powered by Industry Standard AHCI)
Operating System Support	Windows 11, 10/ Windows Server 2012 R2, 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
Product Image	
Host Bus Interface	PCI-Express 2.0 x4 (x2 electrical)
Number of Device Ports	4x SATA Ports
Form factor	Low-Profile
Retail Box Dimensions	7.76" L x 6.81" W x 1.18" H
Retail Box Weight	0.50 lbs.

2-Port HBA Models	Rocket 622A	Rocket 620A
Product Image		
Host Bus Interface	PCI-Express 2.0 x1	PCI-Express 2.0 x1
Number of Device Ports	2x eSATA Ports	2x SATA Ports
Form factor	Low-Profile	Low-Profile
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	0.40 lbs.	0.39 lbs.