



RocketRAID 620 Series

2-Channel SATA 6Gb/s, PCI-Express 2.0 x4, RAID HBA

Best Cost/Performance SATA 6Gb/s RAID 0 & 1 Solutions

Introducing the RocketRAID 620 Series: HighPoint's Second Generation 6Gb/s RAID HBA's

HighPoint's RocketRAID 620 Series HBA's are the Industry's most affordable, high-performance, SATA 6Gb/s RAID HBA's, and are ideal for desktop PC's and workstations.

These Second Generation SATA 6Gb/s host controllers utilize a PCI-Express 2.0 host bus interface, HighPoint's Industry-proven Hardware-Assisted RAID engine, and support a wide-range of SATA storage configurations.

PCI-Express 2.0 Host Interface

RocketRAID 620 HBA's utilize a PCI-Express 2.0 host interface, and deliver a transfer bandwidth of 1000MB/s.

RocketRAID 620 series HBA's are fully backwards compatible with PCI-Express 1.0 motherboards.

HighPoint Hardware Assisted RAID Solutions

For over 2 decades, HighPoint's Hardware-Assisted RAID technology has powered robust, high-performance storage solutions world-wide. RocketRAID 620 HBA's support a variety of single disk and RAID configurations including RAID 0, 1, and JBOD.

HighPoint's comprehensive RAID Storage Management suites are available for all major operating systems.

Comprehensive Management Interface

The universal RocketRAID WebGUI interface provides a 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.

Feature Highlights



- PCI-Express 2.0 Host Interface
- Up to 2 SATA or eSATA Ports
- HighPoint Hardware Assisted RAID (0, 1, & JBOD)

Supports SATA Hard Drives and SSD's

RocketRAID 620 HBA's support the industry's latest 6Gb/s hard drives and SSD's.

RocketRAID 620 series HBA's utilize industry standard cables and connectors to simplify hardware installation and storage upgrade projects.

RocketRAID 620 Series Technical Specifications	
Chipset	Marvell 88SE9120
Data Transfer Rate	Up to 6Gb/s per port
Number of Device Ports	2 6Gb/s SATA ports (RocketRAID 620) / 2 6Gb/s eSATA ports (RocketRAID 622)
Host Bus Interface	PCI-Express 2.0 x4 (electrical x1)
Device Connector Type	Industry standard SATA/eSATA
Onboard indicators/Monitor	Alarm Buzzer
Devices Supported	Directly supports 2 SATA devices
Backwards Compatibility	Backwards compatible with HighPoint 3Gb/s SATA RAID HBA
Physical Form Factor	Low Profile
RAID Features Suite	RAID 0, 1, JBOD Redundant RAID Configuration for Array availability RAID Initialization Types - Background, Foreground and Quick Online Capacity Expansion (OCE) Online RAID Level Migration (ORLM) Native Command Queuing (NCQ) Staggered Drive Spin Up Spin Down Idle Disk S.M.A.R.T Support Auto Rebuild on spare drive HotPlug and HotSwap support Bootable RAID Array support Write Back or Write Through Cache support
Configuration Management Suites	BIOS configuration tool, Browser-based Management Interface, Command Line Interface (CLI) for Linux
Monitoring and Management Support	SMTP, Event Log
Operating System Support	Windows 7 and later, Windows Server 2008 and later, Linux Distributions, macOS 10.6 and later
Operating Temperature	Work Temp: +5°C ~+ 55°C Storage Temp: -20°C ~ +80°C
Operating Voltage	PCI-e 12V: 2.5W; 3.3V: 0.7W
Mean Time Before Failure (MTBF)	920,585 Hours
Certification Approval	FCC, CE, RoHS, REACH, WEEE

HBA Model	RocketRAID 620	RocketRAID 622
Product Image		
Host Bus Interface	PCI-Express 2.0 x4	PCI-Express 2.0 x4
Number of Ports	2 6Gb/s SATA Ports	2 6Gb/s eSATA Ports
Form factor	Low Profile	Low Profile
Dimensions	2.66" L x 2.83" W x 0.06" H	2.66" L x 2.83" W x 0.06" H
UPC Code	643653620029	643653622023

HighPoint Headquarters
 Phone 1-408-942-5800
 Fax 1-408-942-5801
 E-mail sales@highpoint-tech.com
 Website www.highpoint-tech.com
 Address 41650 Christy St. Fremont
 CA, 94538

HighPoint China
 Phone + 86(10)-53519056 (Ext. 8003)
 Fax + 86-10-6897-5074
 E-mail sales@highpoint-tech.com
 Website www.highpoint-tech.cn
 Address ROOM 512, Building 1,
 No 4 JinHang Xi Rd, ShunYi District
 Beijing, 101318, China





OEM/ODM Service available for RocketRAID 620 Series