RocketRAID 640/644 Series 4 Port SATA 6Gb/s RAID Host Adapters

Industry's *1st SATA 6Gb/s PCI-Express x4 Gen 2 RAID 5* Capable Max Performance up to 2GB/s

RAID 5 Capable

&

Port Multiplier Ready

RAID 5 Capable and Port Multiplier Ready

The RocketRAID 640 series are designed to optimize storage performance and redundancy with RAID levels 0, 1, 5 and 10 with port multiplier enclosure, and JBOD. Storage connected directly to the RocketRAID 620 series data ports deliver the highest performance while external disk enclosures with port multiplier device will enable higher storage capacities.

Next Generation of SATA and eSATA Connectivity

The RocketRAID 640 Series offers the next generation of SATA and eSATA 6Gb/s connectivity supporting port multiplier enclosures for a maximum of 20 SATA devices.

SATA Compatibility

The RocketRAID 640 series enables the use of the industry's newest and fastest hard drives at 6Gb/s while providing backward compatibility to legacy 1.5 or 3Gb/s drives. It uses the same cable and connectors as previous SATA generations to ease integration.

PCI-Express 2.0 x4 Max Performance up to 2GB/s

PCI-Express 2.0 doubles the bandwidth of existing PCI-Express bus for faster data throughput. Each PCI-Express lane provides up to 500MB/s of throughput. It is also backward compatible with previous generation PCI-Express Gen 1.0

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Host Adapter Architecture

- PCI-Express 2.0 x4 (Compatible with PCI-Express 1.0)
- Up to 4 SATA devices with point-to-point connectivity
- Port Multiplier support up to 20 Drives
- Low profile

RAID Features

- RAID level 0, 1, 5, 10 and JBOD
- Multiple RAID Support
- BIOS Boot to RAID with point-to-point connectivity or through port multiplier
- Quick, Background or Foreground Initialization

Maintenance and Management

- HighPoint RAID Management Suite (Browser based / CLI / BIOS management through hotkey (ctrl-h)
- Monitoring (SHI Storage Health Inspector), Event log, SMTP and Alarm
- OCE/ORLM (Online Capacity Expansion / Online RAID Level Migration)

Kit Contents

- RocketRAID 640/644 host adapter
- Quick Installation Guide
- Software CD
- (4) SATA Cables

Additional Information

Dimensions: 340 (L) x 195 (W) x 70(H) mm 13.38L x 7.48W x 2.75H inches
Weight:	1.43 lbs
Warranty:	3 years
MTBF:	924, 585

Who We Are

We are the professional host based RAID controller manufacturer with over 14 years of field-proven RAID host adapters deployed by worldwide OEMs, industrial, appliance builders, SMBs and the end-consumers.

HighPoint Hardware and Value RAID product lines support a wide-spectrum of storage technologies, host interfaces and port connectivity. Our commitment is to consistently deliver cutting-edge, smart and reliable RAID solutions at the best competitive price.

Contact Us

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