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RocketRAID 2700 Series
PCI-Express 2.0 x8/x16 Hardware Assisted RAID

Industry's Most Cost-Effective, Comprehensive Selection of SAS/SATA 6Gb/s RAID HBA's

HighPoint RocketRAID 2700 HBA's are the most diverse, versatile and cost-effective RAID HBA's available in today's marketplace. Powered by our industry-proven RAID technology, industry-standard Mini-SAS connectivity with support for up to 32 devices and PCI-Express 2.0 x8 and x16 bus speeds, RocketRAID 2700 HBA's can be easily integrated into a variety of hardware and software platforms, and are ideal for cost-effective, high-density SMB applications.

HighPoint Hardware-Assisted RAID Solution

For over 10 years HighPoint's Industry-Proven Hardware-Assisted RAID Technology has been powering cost-effective, high-performance RAID solutions, worldwide.

RocketRAID 2700 series HBA's benefit from this market proven technology, and support a wide selection of RAID levels including 0, 1, 5, 6, 10, 50 and JBOD.
Our Comprehensive RAID Storage Management suite is available for all major operating systems and includes BIOS-level management, an intuitive Web-based interface, and a selection of CLI packages available for Linux and FreeBSD platforms.

Wide Selection of RAID HBA Configurations

Powered by industry-standard Mini-SAS connectivity with support for up to 32 devices, and PCI-Express 2.0 x8 and x16 bus speeds, RocketRAID 2700 HBA's can be easily integrated into a variety of hardware and software platforms, and are ideal for cost-effective, high-density SMB applications.

Complete, Flexible Upgrade Paths

RocketRAID 2700 HBA's are fully backwards compatible with SAS/SATA 3Gb/s devices, PCI-Express 1.0 and 2.0 motherboards, and are compliant with all major operating systems including Windows, Linux, FreeBSD & Mac OS X. RAID arrays can be freely moved to any other RocketRAID 2700 HBA. Upgrading, scaling and expanding storage has never been easier.

HighPoint Storage Expansion Compatible

RocketRAID 2700 series HBA's with external port configurations are ideal for SMB storage applications that require a high degree of flexibility with a clear, concise upgrade path.

Feature Highlights

- HighPoint Hardware assisted RAID

- Wide Selection of HBA RAID Configurations

- Complete, Flexible Upgrade Paths

- HighPoint Storage Expansion Compatible

RocketRAID 2700 series HBA's were designed to work in conjunction with Rocket EJ200 Series JBOD Module which double and quadruple the storage capacity of each external Mini-SAS connector.

Such combinations allow even 4-port RocketRAID 2700 HBA's, such as the RocketRAID 2711, to support up to 16 SATA HDDs or SSD's.

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Technical Specifications	
Chipset	Marvell 9485 SAS/SATA 6Gb/s
Data Transfer Rate	Up to 6Gb/s per port
Number Of Device Ports	8 to 32 6Gb/s SAS & SATA ports
Host Bus Interface	PCI Express 2.0 x8/x16 speed
Device Connector Type	Mini-SAS connectors
Onboard Indicators /Monitor	Alarm Buzzer, Active/Fail LED (Internal-port models only)
Device Supported	Up to 128 SATA / SAS devices via SAS Expander
Backward Compatibility	Backward Compatible with HighPoint RAID HBA
Physical Form Factor	Low Profile
RAID Features Suite	RAID 0, 1, 5, 6 , 10, 50, 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
	Hot-Plug and Hot-Swap support
	Larger than 2 TB drive support
	Bootable RAID Array support
	Write Back or Write Through Cache support
Configuration Management Suites	User friendly Browser-based Management Interface
	Easy to use BIOS configuration Tool
	Linux Command Line Interface (CLI) - Scriptable configuration tool
Supported Storage Expansion Options:	Rocket EJ SATA JBOD Module
Monitoring and Management Support	SMTP, SGPIO, SES2, LED Status, Event Log
Operating System Support	Windows Server 2003, 2007, 2008 Window Vista, 7, 8. Major Linux Distributions, FreeBSD and Mac OS X 10.5 and newer
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/3.3V Power: 11W
MTBF (Mean Time Before Failure)	920,585 Hours
Certification Approval	FCC, CE

RR2700 PCIe x8 HBA's	RocketRAID 2720SGL	RocketRAID 2722	RocketRAID 2721
Product Image			
Host Bus Interface	PCI-Express 2.0 x8	PCI-Express 2.0 x8	PCI-Express 2.0 x8
Number of Device Ports	8 Internal Ports	8 External Ports	4 Internal / 4 External Ports
Form Factor	Low Profile	Low Profile	Low Profile
Cable Included	n/a	n/a	One mini-SAS cable: SFF-8087 to 4xSATA
Retail Box Dimensions	7.75"L x 6.81" W x 1.18" H	7.75"L x 6.81" W x 1.18" H	7.75"L x 6.81" W x 2.75" H
Retail Box Weight	0.34 lbs	0.39 lbs	0.71 lbs
UPC Code	643653272020	643653272211	643653272112

HBA Model	RocketRAID 2711	RocketRAID 2710
Product Image		
Host Bus Interface	PCI-Express 2.0 x8	PCI-Express 2.0 x8
Number of Device Ports	4 External Ports	4 Internal Ports
Form Factor	Low Profile	Low Profile
Cable Included	n/a	One mini-SAS cable: SFF-8087 to 4xSATA
Retail Box Dimensions	7.75"L x 6.81" W x 1.18" H	7.75"L x 6.81" W x 2.75" H
Retail Box Weight	0.38 lbs	0.71 lbs
UPC Code	643653271115	643653271016

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RR2700 PCIe x16 HBA's	RocketRAID 2740	RocketRAID 2744	RocketRAID 2760A
Product Image			
Host Bus Interface	PCI-Express 2.0 x16	PCI-Express 2.0 x16	PCI-Express 2.0 x16
Number of Device Ports	16 External Ports	16 External Ports	24 Internal Ports
Form Factor	Low Profile	Full Height	Full Height
Cable Included	n/a	n/a	n/a
Retail Box Dimensions	13.38"L x 7.67" W x 2.75" H	13.38"L x 7.67" W x 2.75" H	13.38"L x 7.67" W x 2.75" H
Retail Box Weight	1.15 lbs	1.45 lbs	1.50 lbs
UPC Code	43653274017	643653274413	643653276028

HBA Model	RocketRAID 2711
Product Image	
Host Bus Interface	PCI-Express 2.0 x16
Number of Device Ports	24 Internal / 8 External Ports
Form Factor	Full Height
Cable Included	n/a
Retail Box Dimensions	7.75"L x 6.81" W x 2.75" H
Retail Box Weight	1.25 lbs
UPC Code	643653278213