

# RocketRAID High Port Count SAS 6Gb/s HBA's

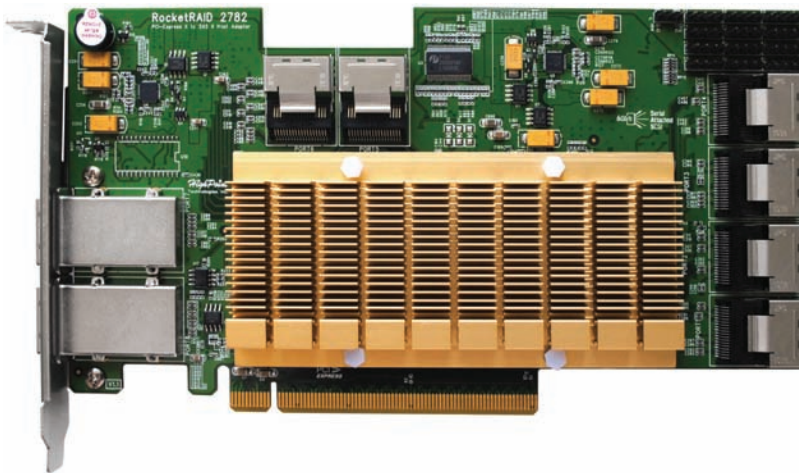
## RocketRAID 2782, RocketRAID 2760/2760A

### RocketRAID 2700 High Port Count HBA's :

Available with up to 32 dedicated ports, RocketRAID high port count SAS RAID HBA's provide maximum port count and deliver a connectivity bandwidth up to 19200 MB/s; ideal for a wide-range of high-performance and high-density storage applications.

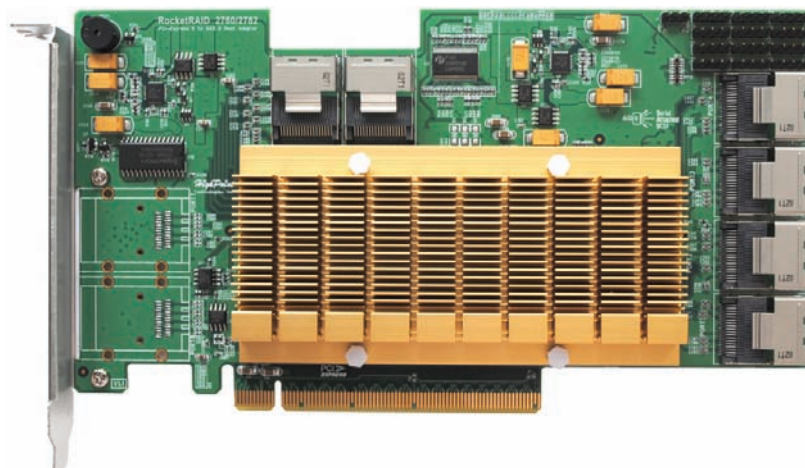
The industry standard Mini-SAS port connectors ensure easy and swift integration into any professional storage platform. Each Mini-SAS port can directly support up to four SAS/SATA storage devices. RocketRAID 2700 HBA's are fully backwards compatible with 3TB drives, SAS/SATA 3Gb/s devices, PCI-Express 1.0 and 2.0 motherboards, and are compliant with all major operating systems including Windows, Linux and FreeBSD.

### RocketRAID 2782 - 32 Port (Internal and External Mini-SAS)



RocketRAID 2782	
PCI-Express Bus	2.0 x16
Port Count	24 Int. / 8 Ext.
Connector Type	SFF-8088/ SFF-8087
RAID Level	0, 1, 5, 10, 50, JBOD
Form Factor	Full Height
Alarm/Buzzer	Yes
Activity/Fail LED	Yes
Dimensions	7.99"L X 4.37"W

### RocketRAID 2760 / 2760A - 24 Port (Internal Mini-SAS)



RocketRAID 2760 / 2760A	
PCI-Express Bus	2.0 x16
Port Count	24 Internal
Connector Type	SFF-8087
RAID Level	0, 1, 5, 10, 50, JBOD
Form Factor	Full Height
Alarm/Buzzer	Yes
Activity/Fail LED	Yes
Dimensions	7.99"L X 4.37"W

# RocketRAID High Port Count SAS 6Gb/s HBA's

## RocketRAID 2782, RocketRAID 2760/2760A

### RocketRAID 2700 High Port Count HBA's :

#### RocketRAID PCI-E Gen 2.0 x16 SAS Switch Architecture

The RocketRAID 2700 PCI-E Gen 2.0 x16 SAS Switch Architecture is a revolutionary hardware design that addresses the performance bottleneck of conventional HBA's. HighPoint's SAS Switch Architecture aggregates multiple SAS Controllers and utilizes point-to-point SAS connectivity to deliver maximized performance. Each SAS engine has a dedicated PCI-E path to deliver maximum SAS 6Gb/s performance for each device.

Maintenance and Management Settings	RAID Monitoring Tools												
<ul style="list-style-type: none"> <li>RAID Array Roaming</li> <li>Unplug/Remove RAID array</li> <li>Hot key (ctrl-h) boot-up RAID manager via BIOS</li> <li>Firmware update while running the Operating System</li> <li>Verify RAID Array for Bad Sectors and Parity Check</li> <li>Task Scheduler</li> <li>Automatic RAID rebuild</li> <li>Automatic drive (insert / removal) detection</li> <li>Hot Spare Disk</li> <li>Staggered Drive Spinup</li> <li>Rebuild Priority (Low - Highest)</li> <li>Spin Down Idle Mode</li> <li>Hot Swap and Hot plug</li> <li>Bad sector repair and remapping to reduce dropped drives</li> <li>Multiple RAID arrays</li> <li>Multiple Logical Drives</li> <li>64bit LBA support greater than 2TB per volume</li> </ul>	<ul style="list-style-type: none"> <li>SMTP for email notification</li> <li>Alarm / Buzzer alerts for drive failure</li> <li>SES-2 enclosure management (Failed, SMART (SHI))</li> <li>Enclosure management support I2C</li> <li>Hard Drive LED indicators (Activity and Failed)</li> <li>SHI (Storage Health Inspector – Drive analysis from S.M.A.R.T)</li> <li>Event Log</li> </ul>												
	RAID Management Suite												
	<ul style="list-style-type: none"> <li>Command Line Interface (CLI)</li> <li>Web browser-base RAID management software</li> <li>API</li> </ul>												
	Card Information												
	<table> <tr> <td>Operating Temperature</td> <td>Work Temp: <b>+5°C ~+ 55°C</b></td> </tr> <tr> <td></td> <td>Storage Temp: <b>-20°C ~ +80°C</b></td> </tr> <tr> <td></td> <td>Relative Humidity: <b>5% ~ 60% non condensing</b></td> </tr> <tr> <td>Operating Voltage</td> <td>3.3V (4W max) / 12V (1W max)</td> </tr> <tr> <td>Regulator Certification</td> <td>EMI: FCC Part 15 Class B and CE</td> </tr> <tr> <td>MTBF</td> <td>Mean Time Before Failure 920,585 Hours</td> </tr> </table>	Operating Temperature	Work Temp: <b>+5°C ~+ 55°C</b>		Storage Temp: <b>-20°C ~ +80°C</b>		Relative Humidity: <b>5% ~ 60% non condensing</b>	Operating Voltage	3.3V (4W max) / 12V (1W max)	Regulator Certification	EMI: FCC Part 15 Class B and CE	MTBF	Mean Time Before Failure 920,585 Hours
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### About HighPoint

HighPoint designs and manufactures a full spectrum of SAS and SATA HBA's with Management Solutions for wide scale Storage Applications. We are long recognized as an innovator of RAID HBA technology and have continuously developed cutting edge RAID solutions to satisfy the industry's evolving storage requirements. HighPoint is the SAS and SATA Storage Industry price leader for all OEM/ODM, SMB and Enterprise HBA's. HighPoint has a successful track record of delivering products to fortune 500 companies and global storage providers. HighPoint has regional sales offices and world-wide distribution networks to better serve customers locally.

#### HighPoint Headquarters

Phone 1-408-942-5800  
 Fax 1-408-942-5801  
 E-mail sales@highpoint-tech.com  
 Website www.highpoint-tech.com  
 Address 1161 Cadillac Ct. Milpitas CA, 95035

#### HighPoint Taiwan

Phone + 886-2-2218-3435  
 Fax + 886-2-2218-3436  
 E-mail sales@highpoint-tech.com  
 Website www.highpoint-tech.com  
 Address 5F., No.3, Swei Lane, Jhongjheng Rd., Sindian District, New Taipei City 23148, Taiwan (R.O.C.)

#### HighPoint China

Phone + 86-10-6213-0920  
 Fax + 86-10-6897-5074  
 E-mail sales@highpoint-tech.com  
 Website www.highpoint-tech.cn  
 Address 4th Floor Kehaifulin Building, NO. 12 Zhong Guan Cun South Rd, Aidian District Beijing China 100081