

# RocketRAID 2210

## 4 channel PCI-X SATA II RAID Controller



- PCI-X 64bit@133Mhz (Backward compatible to PCI)
- 4 SATA II 3Gb/s ports
- Up to 4 SATA II (3Gb/s) or SATA I (1.5Gb/s) Hard Drives
- Support RAID 0, 1, 5, 10, and JBOD
- Native Command Queuing (NCQ) for improved random performance
- Online Capacity Expansion (OCE) and Online RAID Level Migration (ORLM)
- Staggered drive spin up
- Hard Disk (Activity / Failed) LED chassis function
- BIOS Booting (INT13) to RAID array for better redundancy
- Quick and Background initialization for instant RAID access
- Write through and write back cache for RAID arrays
- Hot swap and hot spare
- Online array roaming
- Automatic detect drive to rebuild degraded RAID Arrays
- S.M.A.R.T array monitoring for hard drive status and reliability
- 64bit LBA for RAID arrays greater than 2TB single partition
- Low profile form factor for 1U chassis
- Web browser-base software (Web GUI)
- Command Line Interface (CLI)
- SMTP email notification for events and error reporting
- Remote array mangement through (Web GUI, RAID GUI and CLI)
- Support Windows (XP, 2000, Server 2003), Linux and FreeBSD and Mac OS X
- RoHS Compliant

## ROCKETRAID 2210

The HighPoint RocketRAID 2210 PCI-X SATA II RAID Controller offers the features needed for entry level storage environments with advance RAID levels 0,1,5,10 and JBOB and SATA II features such as 3Gb/s transfere rates, NCQ (Native Command Queuing) and Staggered Spin Up support. and support for chassis enclosure management (SAF-TE)

The RocketRAID 2210 PCI-X SATA II RAID Controller delivers optimum performance with speeds of up to 300MB/sec per port and support RAID arrays greater than 2TB.

The RocketRAID 2210 PCI-X SATA II RAID Controller is an integrated family of advanced storage connectivity solutions in the HighPoint Storage product family. These products are designed to provide reliable connectivity, intelligence and scalability. Meeting tomorrow's connectivity needs today, the RocketRAID 2210 PCI-X SATA II RAID Controlller extends the capabilities of software and hardware, relieving them from their data-management burdens.

## Backward compatible to PCI (32bit/33Mhz)

The RocketRAID 2210 PCI-X @133Mhz SATA II RAID Controller is backward compatible to PCI (32bit/33Mhz) slots. With backward compatibility to PCI the RocketRAID 2210 is able to support desktop motherboards and workstations computers to offer value-added features and performance.

## COMPREHENSIVE OS SUPPORT

HighPoint offers the broadest range of support for all major operating systems to ensure OS and hardware server compatibility. Drivers are available for all major operating systems, including Windows , Linux, FreeBSD and Mac OS X.

## PHYSICAL SPECIFICATIONS

Size: 6.405"±L x 2.527"±W (162.7mm x 64.2mm)  
EMI : FCC Part 15 Class B and CE

### Thermal and Atmospheric Characteristics:

Work Temperature Range :+5°C ~ +40°C  
Relative Humidity Range : 20% ~ 80% non-condensing  
Storage Temperature : --40°C~ 60°C

MTBF: 920,585

### Electrical Characteristics:

PCI/PCI-X : 3.3V 0.9A  
Power : 3W

## RocketRAID 2210 Specifications

Host Side Interface	PCI-X 64bit@133Mhz
Device Interface	SATA I or SATA II
Number of Channels	4 SATA Channels
Supported RAID Levels	RAID 0, 1, 5, 10, and JBOD
Operating Systems Support	Windows, Linux, Mac OS X FreeBSD
RAID Management Tool	BIOS Web based RAID Management Software and CLI
Some Highlighted Features	Hot swap/hot spare 64bit LBA for over 4TB partition support Drive Activity/Failed LED support SMTP support for email notification OCE/ORLM Automatic RAID Rebuild Online Array Roaming

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three limited warranty information