

RocketRAID 2220

8 - Channel PCI-X SATA II RAID Host Adapter

- PCI-X 64bit 133/100/66 MHZ
- Up to 3.0Gb/s transfer rate
- RAID 0, 1, 5, 10 and JBOD
- Single RAID Cross Adapter up to 16HDDs
- Online Capacity Expansion and RAID Level Migration (OCE/RLM)
- Hot Swap and Hot Spare



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- Staggered Drive Spin up
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- S.M.A.R.T monitoring hard disk for status reliability
- SAF-TE enclosure management
- Online Array Roaming
- Quick and background initialization for quick RAID configuration
- 64-bit LBA for over 2TB partition support
- BIOS booting support
- Automatic RAID rebuild
- Command Line Interface(CLI)
- Web browser RAID management software
- SMTP email notification
- Supports Windows, Linux and FreeBSD

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RocketRAID 2220 Host Bus Adapter

The HighPoint RocketRAID 2220 is a high-performance SATA II to PCI-X HBA. The RocketRAID 2220 supports key features with hot-swap and hot-spare that are critical to ensuring business continuity.

The HighPoint RocketRAID 2220 Controller is a 8-port native Serial ATA II RAID controller that combines the high-performance storage connectivity of Serial ATA with HighPoint's advanced RAID features, including, Online Capacity Expansion, RAID Level Migration and HighPoint's RAID Management software.

Supporting RAID levels 0, 1, 5, 10, and JBOD, plus disk hot plug, hot swap and HighPoint's RAID features, the RocketRAID 2220 is an ideal solution for applications where high levels of sustained read and write performance are required, including video streaming, web content, reference data and fixed content storage.

Providing Fault-Tolerance

The RocketRAID 2220 supports advanced RAID levels 0, 1, 5, 10 and JBOD. The RocketRAID 2220 stable RAID 5 capability together with Hot-Swap and Hot-Spare drives assures round-the-clock fault tolerance for your business critical data for your web-server, email server, database and storage servers. Storage is proactively monitored for failures and detected for failures.

Easy RAID Manageability

HighPoint's intuitive browser based and graphical RAID utilities simplifies your RAID storage management. Storage can be configured and monitored remotely from a single workstation providing convenience and flexibility ensuring 24x7 data accessibility.

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™, and FreeBSD.

Highlighted Features

- 8 channels PCI-X to SATA II host adapter
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- Up to 3.0Gb/s transfer rate.
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- Native Command Queuing(NCQ)
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- Single RAID Cross Adapter up to 16HDDs
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RocketRAID 2220 Specification

Host Side Interface	64bit, 66/100/133MHz PCI-X
Device Interface	Serial ATA
Number of Channels	8 Device Channels
Allowed Disk Connection	8 SATA I or SATA II hard disks
Supported RAID Levels	RAID 0, 1, 5, 10, JBOD
Operating Systems Support	Microsoft Windows, Linux and FreeBSD
RAID Management Tool	BIOS OS-based Management Software
Some Highlighted Features	Native CQ support Advance Cache Algorithm Optimized XOR Technique Automatic E-mail notification when error occurs Bootable array support Large LBA support capacity exceeding 137GB Disk Active/Failed LED support



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