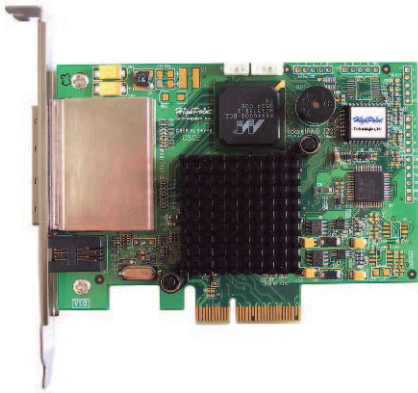


RocketRAID 2322

External Mini-SAS to PCI-Express SATA II RAID Controller



- PCI-Express x4 compatible to x8 and x16
- Dual External Mini-SAS Connectors
- Compatible with HighPoint (X4 and X8) external drive enclosures
- Up to 3Gb/s transfer rates
- RAID 0, 1, 5, 10, 50 and JBOD
- Native Command Queuing (NCQ)
- Staggered drive spin-up
- Online Capacity Expansion (OCE) and Online RAID Level Migration (ORLM)
- Single RAID Cross Adapter
- Hot Swap and Hot Spare
- Quick and Background initialization for quick RAID configuration
- SAF-TE Enclosure management ready
- S.M.A.R.T monitoring hard drive status for reliability
- Hard Drive activity and failed LED support
- Automatic RAID rebuild
- BIOS booting support
- Online array roaming
- Support 64-bit LBA for over 2TB partition
- Browser-based RAID management software
- Command Line Interface (CLI)
- SMTP support for email notification
- Power Mac G5 support
- Operating Systems support for Windows, Linux, FreeBSD and Mac OS X

RocketRAID 2322

External Mini-SAS to PCI-Express SATA II RAID Controller

The Power of PCI Express

The HighPoint RocketRAID 2322 PCI Express to SATA II RAID Controller is the next generation in high performance computing solutions utilizing the latest interconnect technology PCI-Express.

The RocketRAID 2322 offers a PCI Express x4 host side interface that is upward compatible to PCI Express x8 and x16 slots and offers the fastest external storage solution availability today.

PCI Express will deliver data transfer in both directions simultaneously with its serial data transfer system and brings with it higher clock speeds.

Dual External Mini-SAS Connectors and Cables

The HighPoint RocketRAID 2322 supports two external Mini-SAS (Serial Attached SCSI) connectors that attach to the HighPoint's X4 or X8 external storage enclosures. The HighPoint X4 supports 4 hard disks and the X8 supports up to 8 hard disk

The dual external Mini-SAS connectors offer a safe and secure connection to the HighPoint X4 and X8 enclosures. The Mini-SAS cables provide a high communication bandwidth capability along with its industry proven technology.

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: 4.664"L x 3.349"H (118.47mm x 85.06mm)

EMI & ECC: FCC Part 15 Class B and CE

Thermal and Atmospheric Characteristics:

Work Temperature Range : +5°C ~+ 55°C

Relative Humidity Range : 5% ~ 60% non condensing

Storage Temperature : ~20 ~ 80°C

MTBF: 920,585 Hours

Electrical Characteristics:

PCI-Express: 3.3v

Power: 10W

RocketRAID 2322 Specification

Host Side Interface	PCI Express x4 compatible with (x8 and x16) interface
Device Interface	Serial ATA I or II
Number of Channels	Dual External Mini-SAS Connectors
Allowed Disk Connection	8 SATA I or II Hard Drives
Supported RAID Levels	RAID 0, 1, 5, 10, 50 and JBOD
Operating Systems Support	Windows, Linux, FreeBSD and Mac OS X
RAID Management Tool	BIOS, RAID GUI, Web GUI and CLI
Some Highlighted Features	Hot swap/hot spare 64bit LBA for over 2TB partition support Drive Activity/Failed LED support SMTP support for email notification

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three limited warranty information