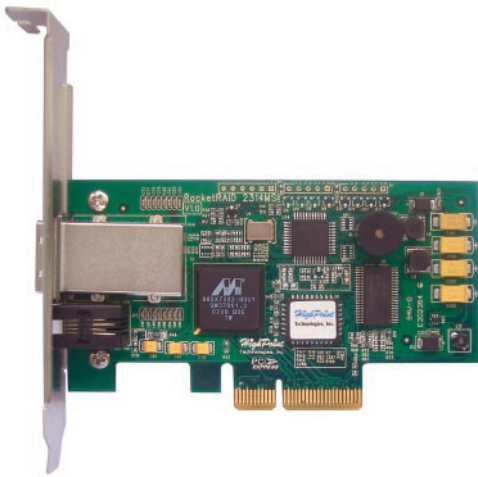


RocketRAID 2314MS

1 External mini-SAS to PCI-e SATA II RAID Controller



- PCI-e x4 (x8 and x16) slot compatible
- 1 External mini-SAS 3Gb/s port
- Up to 8 SATA II or SATA I 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
- SES2 Enclosure Management Functions
- BIOS Booting (INT13) to RAID array
- 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
- S.M.A.R.T array monitoring for hard drive status and reliability
- 64bit LBA for RAID arrays greater than 2TB
- Web browser-base software (Web GUI)
- Command Line Interface (CLI)
- SMTP email notification for events and error reporting
- Remote array management through (Web GUI, RAID GUI and CLI)
- Support Windows (XP, 2000, Server 2003, x64 Edition and Vista), Linux, FreeBSD and Mac OS X
- RoHS Compliant

RocketRAID 2314MS

1 External mini-SAS to PCI-e SATA II RAID Controller

External mini-SAS Connection

The RocketRAID 2314MS offers a highly reliable and secure external connector technology by utilizing an external mini-SAS connector. The external mini-SAS connector can reach length up to 2 meters for high speed data transmission and high bandwidth applications.

The external mini-SAS connection and cable and designed to replace other cable connector solutions that cannot offer the high speed data transmissions needed for enterprise, SOHO and SMB customers.

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, Mac OS X and FreeBSD.

PHYSICAL SPECIFICATIONS

Size: Length (112.0mm) x Width (62.0mm)

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 Hours

Electrical Characteristics:

PCI-express : 3.3v

Power : 10W

RocketRAID 2314MS Specification

Host Side Interface	PCI-e x4 (x8 and x16) compatible
Device Interface	Serial ATA I or II
Number of Channels	1 External mini-SAS port
Supported RAID Levels	RAID 0, 1, 5, 10, and JBOD
Operating Systems Support	Windows, Linux, FreeBSD and Mac OS X
RAID Management Tool	BIOS Web based RAID Management Software 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 OCE/ORLM Automatic RAID Rebuild Online Array Roaming

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Three Year Limited Warranty