

# RR-4321

## SPECIFICATION

### Features

#### Host Adapter Architecture

- Intel IOP348 (1.2 Ghz)
- Up to 512MB DDR-II Memory
- PCI-Express x8
- 1 external and 1 internal mini-SAS/SATA 3Gb/s Device connectors
- Up to 8 SAS/SATA Hard Drives 128 max hard drives via SAS expanders
- NCQ (Native Command Queuing)
- NVRAM
- Battery Backup Unit Ready (BBU-03)
- Low Profile

#### Advance RAID Features

- Support RAID 0, 1, 3, 5, 6, 10, 50 and JBOD
- Multiple RAID support
- BIOS booting support
- Online Array roaming
- Automatic drive (insert / remove) detection
- Automatic RAID rebuild
- Quick Initialization
- Online Capacity Expansion / Online RAID Level Migration
- Hot Spare - (global)
- Configurable stripe size
- Staggered Drive Spin-up
- Bad sector repair and remapping to reduce dropped drives

#### Array Monitors, Alerts and Indicators

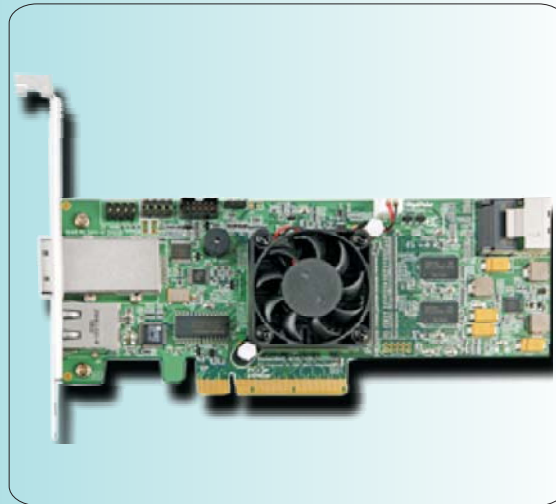
- Hard Drive LED Indicators (Activity and Failed)
- Email Notification
- SAF-TE chassis environment monitoring

#### RAID Management

- CLI (Command Line Interface)
- Web GUI management
- Firmware / BIOS Management
- Independent RAID Module Onboard

#### Package Contents

- RocketRAID 4311 Series SAS/SATA Hardware RAID Controller
- User's Guide
- Software CD with Drivers and Manual
- Low profile bracket
- 1 internal mini-SAS to internal mini-SAS cable



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#### Operating System Support

- Red Hat Enterprise Linux, Open SuSE, Fedora Core, Debian
- Microsoft® Windows® 2008/2003/XP/2000/x64 Edition/Vista 32 and 64 bit
- Native Support in Linux kernel 2.6
- Mac OS X
- FreeBSD
- Linux Open Source

#### Operating Voltage

- PCI-e : 12 V 3.3V/ Power: 12V - 15W



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