

# RR-2644X4

## SPECIFICATION

### Features

#### Host Adapter Architecture

- PCI-Express x4
- 1 External Mini-SAS port
- Up to 4 SAS/SATA Hard Drives
- NCQ (Native Command Queuing)
- Low Profile

#### Advance RAID Features

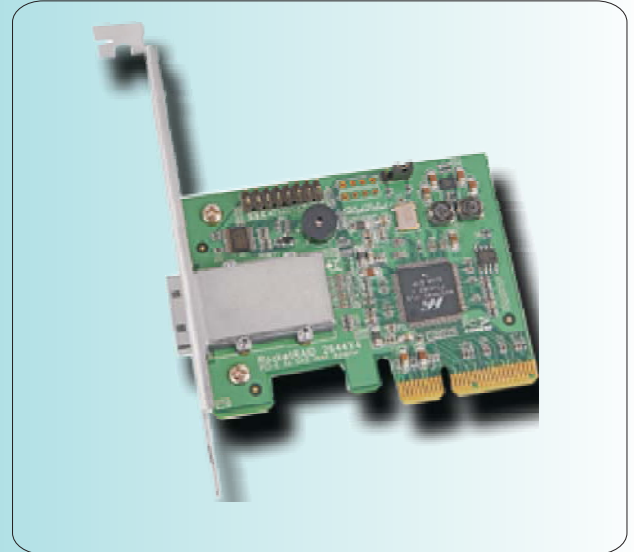
- Support RAID 0,1,5,10 and JBOD
- Multiple RAID support
- Multiple logical drive support
- BIOS booting support
- Online Array roaming
- Automatic drive (insert / remove) detection
- Automatic RAID rebuild
- 64bit LBA support greater than 2TB per volume
- S.M.A.R.T (Early Warning System)
- TerabyteGuard for data protection and reliability
- Bad sector repair and remapping to reduce dropped drives

#### Array Monitors, Alerts and Indicators

- Hard Drive LED Indicators (Activity and Failed)
- Email Notification
- Alarm/Buzzer alerts for drive/array failure
- Enclosure Management support with I2C and SGPIO

#### RAID Management

- Online Capacity Expansion (OCE)
- Online RAID Level Migration (OLRM)
- Quick and Background initialization for instant RAID configuration
- Write Back and Write Through support
- API library for customization
- CLI (Command Line Interface)
- Web GUI RAID management (local and remote monitoring)
- SHI (Drive analysis driven from S.M.A.R.T)



#### Operating System Support

- Microsoft® Windows® 2008/2003/XP/2000/x64 Edition/Vista 32 and 64 bit
- Linux (Fedora Core, Red Hat Enterprise/CentOS, SuSE)
- Mac OS X 10.4.x and above
- FreeBSD
- Linux Open Source

#### Package Contents

- Controller Card
- User's Guide
- Software CD with Drivers and Manual
- Low profile bracket

#### Operating Voltage

- PCI-e: 3.3V / Power: 5W

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