

RS8200 Performance Terabyte Storage



Product Overview

The RS8200 is an award winning ATA based RAID Network Attached Storage system designed with performance and reliability in mind. It is a cost-effective and highly reliable network storage system that meets ever-growing storage demands while delivering unsurpassed performance and Enterprise class features. Its powerful processor, reliable network accessibility, and ease of use make the RS8200 a high performance terabyte storage solution. DVD writer, internal tape back-up, and external SCSI based tape back-up configurations are available.

Major Features

- Intel Pentium III based architecture
- Multi-Channel ATA133/100 disk interface
- Supports RAID levels: 0, 1 (0+1), 3, 5
- 4U, 8 drive low profile rack mount form factor
- Online hot spare with global assignment
- Hot-swap components for easy maintenance
- Built-in Trend Micro antivirus software
- SmartSync Data Synchronization

Power and Performance

The RS8200 features an Intel Pentium III processor clocked at 1.3GHz with 512KB L2 cache and 512MB SDRAM memory for fast performance, a four channel high performance EIDE controller for quick access to upwards of eight high capacity hard drives, and a dual Gigabit Ethernet with automatic fail over and load balancing for robust and uninterrupted network access.

High Data Reliability

The RS8200 offers multiple levels of RAID protection; including, levels 0, 1, 5 and JBOD. Automatic drive failure detection, automatic background rebuild, and global hot spare make it possible for users to retrieve and write data at all times. A highly efficient and fault-resilient journaling file system ensures data integrity. An automatic bad sector re-mapping mechanism ensures RAID availability. Hard disks are hot-swappable and hot-spare disks are available with RAID 1 and 5. All these features provide for an affordable terabyte storage solution with superior data availability, protection, and reliability. Plus Performance !

- Drive failure detection
- Automatic drive rebuild
- Dynamic RAID Expansion
- Global Hot Spare
- Dual Gigabit Ethernet interface
- Upgradeable flash firmware
- Comprehensive environmental monitoring
- UPS smart signaling



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Storage Management

The RS8200 can be configured and managed in many ways; including, full front panel management, embedded web administration, and through NASTart a Windows based user interface. Environmental monitoring; including, drive status, file system integrity, fan speed, temperature of back plane and CPU, and power supply voltages are constantly monitored, logged, and reported via event notification. Event notification can be conducted by Email, Web reminder, and other broadcast features; including, SNMP (remote notification trap) for quick action.

Detail Specifications

Controls and Indicators

- Backlit front LCD control panel
- Power and drive failure indicators
- Web management interface

Notification / Alarm

- Email
- Internal buzzer
- SNMP trap (remote notification)

Power Supply

- Dual redundant removable power modules
- AC input: 90 ~ 260 VAC, 47 Hz ~ 63 Hz
- Continuous output power: 370W

Cooling

- Two hot swappable fan modules

Network Environments

- Macintosh
- Microsoft
- Novell
- Unix

Network Protocols

- CIFS/SMB, HTTP, NFS, SMTP, SNMP, TCP/IP

Dimensions

- Length: 19"
- Width: 17" w/o rack ears (19" with rack ears)
- Height: 7" (4 U)
- 35 lbs without drives (60 lbs with drives)

Certifications

- FCC Class A, CUL, UL, CE, BSMI

Model Specifications

RS8200-250	1.7 Terabyte 8X250GB RAID Basic Platform
RS8200-250D	2 DVD Drive Option
RS8200-250DT	1 DVD and 1 Tape Drive Version
RS8200-200	1.4 Terabyte 8X200GB RAID Basic Platform
RS8200-200D	2 DVD Drive Option
RS8200-200DT	1 DVD and 1 Tape Drive Version
RS8200-180	1.2 Terabyte 8X180GB RAID Basic Platform
RS8200-180D	2 DVD Drive Option
RS8200-180DT	1 DVD and 1 Tape Drive Version

Optional External Tape And Tower Configuration Upon Request

