



Intelligent Network Computing

**HANTZ + PARTNER**  
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**NASStorage™ 8200**

The rapid growth of network storage leads to ever-increasing demands of storage performance. NASStorage™ 8200, equipped with performance-driven system design and integrated Gigabit connectivity, satisfies the needs for fast data access while maintaining great system reliability.

# Yes! Performance!



- Outstanding network performance with optimized system design
- Superior data protection with innovative RAID technology
- Fast and large-volume backups with SCSI tape
- High-speed and versatile data synchronization
- Enterprise-class antivirus protection

# Yes! Performance!

## Outstanding network performance with optimized system design

- ▶ NetBench results of up to 250 Mbits per second
- ▶ Redundant Gigabit Ethernet connections
- ▶ Low response delay and high network throughput for 50+ clients
- ▶ Integrated on-board RAID controller delivers data at high speed



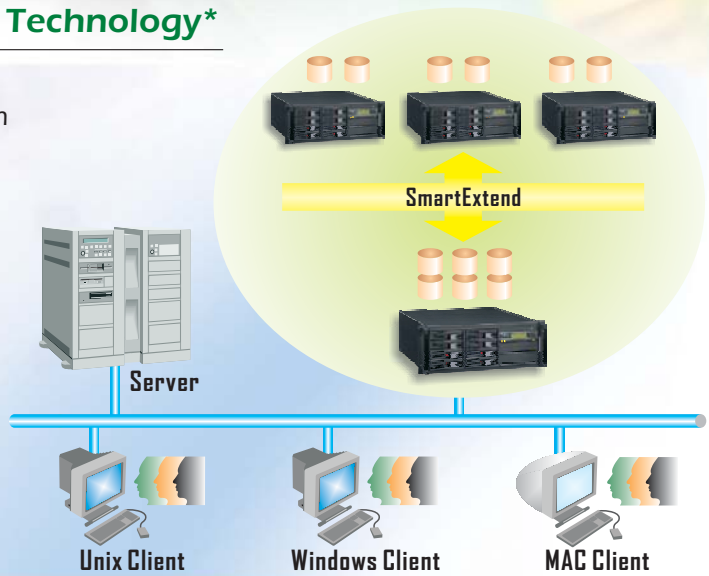
## Superior data protection with innovative RAID technology

- ▶ Provide RAID 0, 1, 5 to fit your data management strategy
- ▶ Bad sector remapping mechanism to ensure RAID availability
- ▶ Global hot-spare hard drives for all RAID groups
- ▶ Feature with intelligent hot-swappable HDD mobile racks



## Add NAS Capacity Using the SmartExtend Technology\*

- ▶ Improve data availability with the ASR mechanism (Automatic SmartExtend Restoration)
- ▶ Add NAS capacity on demand
- ▶ Connect to SmartExtend storage systems using Fast or Gigabit Ethernet
- ▶ Manage user accounts, security settings, quota controls and backups centrally



## High-speed and versatile data synchronization

- ▶ High network throughput for fast data synchronization
- ▶ Enable fast data replication by employing differential block transfer
- ▶ Facilitate data migration by replicating data together with the ACL settings
- ▶ Offers a tapeless backup solution with little impact on network bandwidth
- ▶ Automatic data distribution to multiple remote sites



## Enterprise-class antivirus protection\*\*

- ▶ First NAS to integrate with commercial antivirus software which provides trustworthy and instant virus protection
- ▶ Real-time virus scanning protects NAS from virus attacks around the clock
- ▶ Feature manual and scheduled virus scanning for screening out any infected files from your NAS
- ▶ Automatic virus pattern updates from Trend Micro update server keep virus protection up to date



\* Indicates that it is an optional feature  
 \*\* The antivirus function is powered by Trend Micro, Inc.

# Technical Specifications

## Hardware

- Pentium III 1.26GHz with 512KB L2 cache
- Support 256MB or 512MB PC-133 SDRAM
- Two integrated 10/100/1000M Gigabit Ethernet ports
- One optional SCSI card

## Storage

- Up to 8 hot-swappable ATA-133 high-capacity hard disk drives
- Support 2 IDE CD-R/RW, DVD±RW and/or tape drive(s)
- Support SCSI tape drive(s) (Sony AIT, Super DLT, LTO, DAT)
- Use the SmartExtend technology to add NAS capacity over LAN (optional)

## Network Environment

- Microsoft Windows 95/98/Me/NT/2000/XP
- Solaris, FreeBSD, Linux, and other UNIX derivatives
- MacOS 8.x, 9.x, OS X
- Novell NetWare

## Network Protocols

- TCP/IP, AppleTalk, IPX
- CIFS/SMB, NFS v3, NCP, AFP, HTTP, FTP
- BOOTP, RARP, DHCP, DNS, WINS, SMTP, SNMP, NTP, SSL

## System Management

- Multi-lingual Web-based interface for system administration
- LCD console for setting IP addresses and displaying system information
- User quota control and folder quota control
- Environmental monitoring of system/CPU temperature, CPU fan speed and CPU voltages
- NASStart software utility for quick setup and system configuration backup
- E-mail notification, SNMP management (MIB II) and system buzzer alerts

## Data Redundancy

- RAID 0, 1, 5 and JBOD, with global hot-spare and RAID expansion
- Advanced RAID bad sector recovery mechanism
- Local tape backup with IDE and SCSI tape drive support
- CD-R/RW and DVD±R/RW burning capability
- NAS-to-NAS data synchronization with SmartSync
- Support smart-signaling & network-type UPS

## Network Security

- Built-in Trend Micro antivirus software
- Integrate with Microsoft Windows NT/2000/2003 Domain and Active Directory environment
- Support UNIX Network Information Service (NIS)
- Support Access Control List (ACL)
- Secure Sockets Layer (SSL) 128-bit encryption

## Multilingual Support

- Localized web-pages: English, French, German, Italian, Spanish, Traditional Chinese, Simplified Chinese, Japanese, Korean
- Code-pages: English and western European, CJK DBCS, Unicode

## Operating Environment

- Operating temperature: 0 - 40°C
- Operating humidity: 10 - 80%, non-condensing

## Physical Specifications

### NAStorage™ 8200C (Controller)

#### Dimension:

- 41x148x287mm (H x W x D)

#### Power Parameters:

- Standard ATX power connector
- Power Consumption: 3.3V:4A ; 5V:4A ; 12V:1A

### NAStorage™ 8200T (9-Bay Tower)

#### Dimension:

- 430x175x490mm (H x W x D)

#### Power Parameters:

- Input: 90-260V
- Output: 370 W
- Redundant Power Supply (Optional)

### NAStorage™ 8200R (4U Rack-mount)

#### Dimension:

- 175x490x530mm (H x W x D)

#### Power Parameters:

- Input: 90-260V
- Output: 370 W
- Redundant Power Supply (Optional)

### MR-4231 (4-in-3 bay hot-swapping HDD Module)

#### Dimension:

- 130x150x220mm (H x W x D)

## Approvals

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