NETGEAR®
ReadyDATA™

ReadyDATA™ 5200 Unified Network Storage

Unified Storage with Enterprise Features at a Small Business Price

Every ReadyDATA™ 5200 ships with a full suite of advanced features such as block-level replication, deduplication, and thin provisioning. With a maximum capacity of 240TB and the dramatic performance boost that comes from storage tiering of SSD, SAS and SATA drives, ReadyDATA redefines the concept of storage for small and medium businesses, remote offices/branch offices (ROBO), and departments within enterprise organizations.

Never before have so many enterprise features come standard on a unified storage device, especially one with a price tag that is comfortable for even the smallest of IT organizations. The ReadyDATA 5200 is easy-to-use unified storage from NETGEAR designed to address

serious data management issues with a single system.

Common challenges the ReadyDATA 5200 is built to address include:

• Efficiently managing rampant data growth with technology like deduplication and compression

• Designing simple and cost-effective disaster recovery plans with free block-level replication

• Easily transitioning to virtualized infrastructures with 10GbE and virtual networking

In addition to being simple for IT professionals to use, the all-inclusive feature set and simplified packaging of disk components make ReadyDATA an easy solution to sell for PowerShift™ partners.

Features

Scalable Capacity

The ReadyDATA family of unified storage was built with the needs of a growing business in mind. ReadyDATA 5200 is 2U, 12-bay storage that supports 1TB, 2TB, 3TB, and 4TB drives for a total of 48TB capacity.

Each ReadyDATA 5200 can support up to two expansion chassis (the 4U, 24-bay ReadyDATA EDA4000), for a fully populated capacity of up to 240TB. Also, new drives can be easily added while the system is running for seamless expansion on-the-fly.

Peak Performance

For meeting the differing needs of specific applications, ReadyDATA 5200 users can add SSD read and write caching to SATA, near-line SAS, or SAS volumes for a stunning boost in performance and flexible capacity.

Dual 10GbE ports and virtual network interface support ensure that even in I/O intensive virtual environments, network bottlenecks are a thing of the past. ReadyDATA 5200 also supports industry-standard file sharing protocols including iSCSI, CIFS, and NFS.
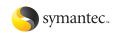
Advanced Data Management

With data volume growing faster than ever before, the need to find more efficient ways to store and manage data is crucial. Unlike enterprise-class storage from traditional vendors, a full set of advanced data management technologies come standard with every ReadyDATA 5200.

A few of these advanced features include:

• Thin provisioning, compression and de-duplication of both block (SAN) and file data (NAS)

• Continuous data protection with unlimited snapshots

• Block level replication over WAN managed from the cloud for disaster recovery

vmware® READY   **symantec**™   **Windows Server** 2008   **NETGEAR** *Green*

Technical Specifications

General
- 2U / 12 bay form factor
- Intel Xeon Quad-core 2.66.GHz processor
- 16 GB ECC Memory
- Two 10/100/1000 Ethernet ports with load balancing and failover
- Two 10 Gigabit Ethernet ports with load balancing and failover (SFP+ ports)
- 2 USB 2.0 ports

Software
- NETGEAR ReadyDATA OS 1.0 using ZFS
- Setup using easy browser-based dashboard

Scalability
- Supports up to two EDA4000 – 4U/24-bay expansion chassis

RAID
- Multiple volume support for RAID 0, 1, 5, 6, 10
- Instant Provisioning / Instant expansion
- Hot swappable disks
- Hot spare disk support
- SSD performance boost

Advanced Data Management for Shares and LUNs
- Unlimited Snapshots
- Compression and De-duplication
- Thick and Thin Provisioning

Network Protocols
- CIFS/SMB for Windows
- AFP 3.3 for Mac OS 9/X
- NFS v2/v3 for Linux and UNIX
- HTTP/S for web browsers
- FTP/S
- IPv6
- SNMP
- iSCSI target support for Windows, Mac and UNIX/Linux initiators

User Security and Data Access
- Local users and Active Directory/Windows Domain support
- Secure Sockets Layer (SSL)
- CHAP authentication for iSCSI LUN
- Shares

Network Services
- DHCP or static IP address assignment
- NTP server synchronization
- LACP support for load balancing and failover
- Virtual Network Interface Card (vNIC)
    1. VLAN Access
    2. IP Settings
    3. Performance throttling

System Management
- Performance tuning options
- Device health status
- Email alerts and event logs
- SNMP

Backup and DR Options
- Hourly, Daily, Weekly scheduled snapshots (Data Protection)
- Cloud managed Constant Replication (Disaster Recovery)
- Client backup target using CIFS, NFS, FTP or iSCSI
- Supported Backup applications from Acronis, Quest, StorageCraft, Symantec, VEEAM

Supported Web Browsers
- Internet Explorer® 9
- Opera 9.5+
- Safari® 2.0+
- Google Chrome™ 18+
- Mozilla Firefox® 14+

Languages
- Management UI: English, German, French, Chinese, Japanese
- File names: Unicode

Electrical
- PSU: 2 x 700W server-rated AC power supply
- Input: 100 – 240V AC, 50/60 Hz

Power Consumption
- 290W typical (with 12 x 1 TB disks)

Thermal
- 3* 80 mm dual ball-bearing chassis cooling fans
- Fan failure alert
- High temperature email alert with auto-shutdown option

Technical Specifications

Operating Environment

- 0° - 40° C
- 20% – 80% humidity (non-condensing)
- FCC, CCC, C-Tick, KCC, VCCI, RoHS compliance

Physical

- Form factor: 2U rack-mount with 12 hot-swappable SATA/SAS drive bays
- Dimensions: (h x w x d) –– 89 x 437 x 648 (mm) 3.5 x 17.2 x 25.5 (in)
- Weight: 32.8 kg (76 lb) with 12 disks

ProSupport Service Packs Available

- PMB0334 OnCall 24x7, Category 4, 3 Years
- PMB0354 OnCall 24x7, Category 4, 5 Years
- PSB 0304-10000S - Professional Setup and Configuration (Remote)
- PSP 1104-10000S - Professional Setup and Configuration (Onsite)

5-YEAR Next Business Day

INDUSTRY-LEADING 5-YEAR HARDWARE WARRANTY

5-year next-business-day replacement,
90 day 24x7 phone support, lifetime chat support

LIFETIME Tech Support

*Basic technical support provided for 90 days from date of purchase.

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Oriente 65A No. 2848, Asturias, Cuauhtémoc, CP 06850, México, D.F., Tel.(55) 57402142, Email:ventas@TELSA.com.mx, Web: www.TELSA.com.mx

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