NETGEAR®
Connect with Innovation™

Advanced Network Storage
ReadyNAS™ 4200

Data Sheet

Reliable, High-performance Network Storage for Business-critical Applications

- The ideal platform for server virtualization projects
- 2U, 12-bay rack-mountable unified network storage with 10 Gigabit networking for best-in-class performance
- High performance and reliability with redundant power supplies, built-in replication, integrated backup, and offsite options for data protection
- Cross-platform support for Windows®, Macintosh® and UNIX®/Linux systems
- Support for both database and server virtualization applications

The ReadyNAS 4200 is a 2U 12-bay storage system designed for businesses needing high-quality, high-performance, and affordable data storage capacity. The 4200 is the most powerful ReadyNAS platform, with 10 Gigabit support that delivers faster data throughput for high-intensity applications. The ReadyNAS unified architecture solves numerous data management problems with a single system, making complex and fast growing storage needs manageable and affordable. Now you can upgrade and expand your data storage to match your business growth without breaking the bank.

Store

Centralize data from your local systems into one single storage device, reducing management overhead and instantly increasing reliability. Capacity can be added with zero downtime, and ReadyNAS supports both file sharing and server virtualization applications like Microsoft Hyper-V™, VMware® or Citrix XenServer™.

Share

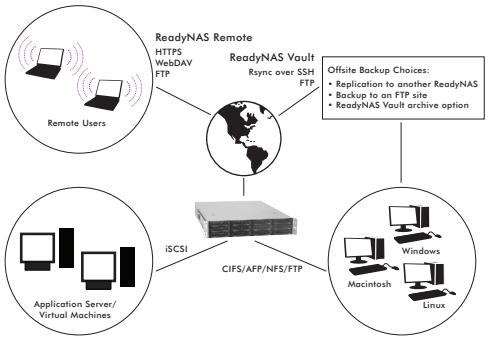
Serve files to Windows, Macintosh and Linux/UNIX users simultaneously. Access data no matter where you are — from multiple computers, on the road, or in an alternate office location. Consolidate and eliminate file servers while hosting virtual machines at the same time. Elegantly manage capacity across your servers and clients simultaneously.

The ReadyNAS Remote feature means drag-and-drop over a secure connection between any computer and your ReadyNAS. No more firewall, VPN or awkward Web-based remote access solutions.

Protect

Successful businesses understand that lost information means lost revenue. Multiple layers of protection are built into every ReadyNAS, including drive fault tolerance, redundant power supply, online backups (snapshots), and secure offsite replication to another ReadyNAS system. A ReadyNAS revolutionizes backup and recovery times and can replace tape completely, making offsite replication and backup a complete, affordable and timely reality for small business users. And support for Symantec agents makes integration with existing backup software simpler and faster.

The ReadyNAS Vault option automatically preserves multiple archive copies in a datacenter. This centralized, set-and-forget choice means no more dedicated servers, licenses or failed jobs, and captures as little or as much as you choose. Recovery can be done from any network location and is as simple as using a Web browser!



24/7 TECHNICAL SUPPORT*

1-888-NETGEAR (638-4327)
Email: info@NETGEAR.com

vmware READY
symantec.
Windows Server 2008
NETGEAR Green
NETGEAR 5 YEAR WARRANTY

- **General**
  - 2U / 12 bay form factor
  - NETGEAR RAIDiator Operating System
  - Setup Wizard and easy browser-based interface
  - Integrates with Active Directory users and group authentication
  - Intel Xeon multi-core processor
  - 8 GB ECC memory
  - 12 Serial ATA channels
  - Two 10/100/1000 Ethernet ports with load balancing and failover
  - Two 10 Gigabit Ethernet ports with load balancing and failover (optional CX-4 or SFP+ ports)
  - 2 USB 2.0 ports
- **RAID**
  - X-RAID2 automatic single volume online expansion
  - X-RAID2 with dual parity configuration for 2-disk fault tolerant
  - Multiple volume support for RAID 0, 1, 5,6 background sync and Smart Sync resume
  - Life Support mode
  - Hotswap disks
  - Hot spare disk support
- **Volumes**
  - Advanced volume management (FlexRAID™)
  - Journaled file system
  - User and group quotas
- **Network Protocols**
  - CIFS/SMB for Windows
  - AFP 3.1 for Mac OS 9/X
  - NFS v2/v3 for Linux and UNIX
  - HTTP/S for Web browsers
  - FTP/S
  - IPv6
  - Rsync and secure rsync
  - WebDAV
  - iSCSI target support for Windows, Mac and UNIX/Linux initiators
- **Network Security Modes**
  - Shares
  - Local users
  - Active Directory/Windows Domain support
  - Encrypted network logins
  - Secure Sockets Layer (SSL)
  - CHAP authentication for iSCSI LUN
- **Network Services**
  - DHCP or static IP address assignment
  - DHCP Server
  - WINS Server
  - NTP server synchronization
  - VLAN and LACP support for load balancing and failover
- **System Management**
  - Performance tuning options
  - Device health status
  - System configuration backup and restore
  - Email alerts and event logs
  - Network UPS monitoring
  - SNMP
- **Backup Schema**
  - Client backup target using CIFS, NFS, FTP or HTTPS
  - Integrated Backup Manager for full and incremental ReadyNAS backups
    - Snapshot support for point-in-time backups of the ReadyNAS system
    - Backup to/from USB disks
    - Remote backup to CIFS, NFS, FTP and HTTPS targets
    - Remote backup to another ReadyNAS via rsync and secure rsync
  - System configuration backup and restore
  - Multi-system cloning
  - Support of Symantec® Backup Exec RALUS
- **Included Backup Software**
  - CDP (continuous data protection) software for Windows and Macintosh clients
  - Replication to another ReadyNAS system
  - ReadyNAS Vault™ online backup with subscription option
- **Supported USB Devices**
  - External USB hard drives (support for FAT32, Ext2, Ext3, and NTFS)
  - UPS with monitoring and auto-shutdown
- **Power-saving Options**
  - Power-on schedule
  - Wake-on-LAN
- **Supported Web Browsers**
  - Internet Explorer® 7.0+
  - Opera 9.5+; Safari 2.0+
  - Mozilla Firefox® 2.0+
- **Languages**
  - Management UI: English, German, French, Chinese, Japanese, Korean, and Russian
  - File names: Unicode
- **Electrical**
  - PSU 2x 700W server-rated AC power supply
  - Input: 100 – 240V AC, 50/60 Hz
- **Power Consumption**
  - 220W typical (with 12 x 1 TB disks)
  - Power-saving mode
- **Thermal**
  - 3* 80 mm dual ball-bearing chassis cooling fans
  - Fan failure alert
  - High temperature email alert with auto-shutdown option
- **Operating Environment**
  - 0° - 40° C (32° – 10°4 F)
  - 20% – 80% humidity (non-condensing)
  - FCC, CE, C-Tick, KCC, VCCI, CCC, RoHS, WEEE compliance
- **Physical** (can double density by mounting back-to-back in a 4-post rack)
  - Form factor: 2U rack-mount with 12 hot-swappable SATA drive bays
  - Dimension: (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
- **Optional Spare Parts**
  - Hot swappable SATA disk tray
  - 80 mm dual ball-bearing chassis cooling fan
  - PSU, hot swappable, 700 watts
  - Rackmount sliding rails
  - 10 Gb network add-on card with dual SFP+ ports
  - 10 Gb network add-on card with dual CX-4 ports
- **Warranty**
  - NETGEAR 5-year Warranty
- **ProSupport Service Packs Available**
  - **XPressHW, Category 4**
  - PRR0334-10000S (non-North America)
  - PRR0334E-100NAS (North America)
  - **OnCall 24x7, Category 4**
  - PMB0334

NETGEAR®

350 E. Plumeria Drive
San Jose, CA 95134-1911 USA
1-888-NETGEAR (638-4327)
E-mail: info@NETGEAR.com
www.NETGEAR.com

© 2010 NETGEAR, Inc. NETGEAR, the NETGEAR Logo, NETGEAR Digital Entertainer Logo, Connect with Innovation, FrontView, IntelliFi, PowerShift, ProSafe, ProSecure, RAIDar, RAIDiator, X-RAID, RangeMax, ReadyNAS and Smart Wizard are trademarks of NETGEAR, Inc. in the United States and/or other countries. Mac and the Mac logo are trademarks of Apple Inc., registered in the U.S. and other countries. Other brand names mentioned herein are for identification purposes only and may be trademarks of their respective holder(s). Information is subject to change without notice. All rights reserved.

This product comes with a limited warranty, the acceptance of which is a condition of sale.

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