Flexible, Highly Affordable Business-class Storage

- Simultaneously supports NAS and iSCSI SAN for database and server virtualization applications
- Reliable, automatic, data protection with offsite options
- Cross-platform support for Windows®, Macintosh® and UNIX®/Linux systems
- High-density 1U rack-mount, extreme energy efficiency and simple serviceability

The ReadyNAS 2100 is a 1U 4-bay storage system designed for workgroups and small businesses. It is a high-quality solution for storing, sharing and protecting business-critical data that is affordable for the smallest office. ReadyNAS unified architecture solves numerous data management problems with a single system, making capacity management, access, backup, restore and disaster recovery worries obsolete. Now you can eliminate common data concerns and revolutionize your storage environment without becoming an expert.
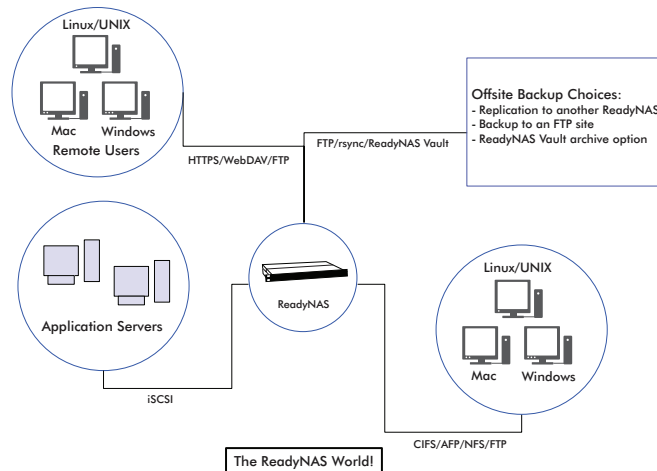
Store

Centralize data from your local systems into one single storage device, reducing management headaches and instantly increasing reliability. Capacity can be added with zero downtime, and ReadyNAS supports both file sharing and server applications like Microsoft Exchange, SQL Server® or VMware®.

Share

Access data no matter where you are – from multiple computers, on the road, or in an alternate office location. Serve files to Windows, Macintosh and Linux/UNIX users simultaneously. Safely deliver or present your work to customers and clients without email or FTP headaches!

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, 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.

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!

Linux/UNIX

Mac   Windows
Remote Users

HTTPS/WebDAV/FTP

FTP/rsync/ReadyNAS Vault

Offsite Backup Choices:
- Replication to another ReadyNAS
- Backup to an FTP site
- ReadyNAS Vault archive option

Application Servers

ReadyNAS

Linux/UNIX

Mac   Windows

iSCSI

CIFS/AFP/NFS/FTP

The ReadyNAS World!

- **General**
  - NETGEAR RAIDiator™ Operating System
  - Setup Wizard and easy browser-based interface
  - Intel® advanced embedded processor
  - 1 GB ECC Memory
  - 4 SATA II channels
  - Two 10/100/1000 Ethernet ports with load balancing and failover
  - 3 USB 2.0 ports

- **RAID**
  - X-RAID2™ automatic single-volume online expansion
  - Multiple-volume support for RAID 0, 1, 5
  - Background sync and SmartSync resume
  - Life support mode
  - Hot swap 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
  - Rsync and secure rsync
  - WebDAV
  - Print sharing
  - UPnP
  - 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)

- **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

- **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**
  - Programmable, one-touch, on-demand backup button
  - External USB hard drives (support for FAT32, Ext2, Ext3, and NTFS)
  - Printers (see Web site for the latest list)
  - Flash devices with camera auto-copy
  - UPS with monitoring and auto-shutdown

- **Power-saving Options**
  - Disk spin-down
  - Power-on schedule
  - Wake-on-LAN

- **Supported Web Browsers**
  - Internet Explorer® 7.0+
  - Opera 9.5+; Safari 2
  - Mozilla Firefox® 2.0+

- **Languages**
  - Management UI: English, German, French, Chinese, Japanese, Korean, and Russian
  - File name: Unicode

- **Electrical**
  - 220W server-rated AC power supply
  - Input: 100 – 240V AC, 50/60 Hz

- **Power Consumption**
  - 80W typical (with 4 x 1 TB disks)
  - Power-saving mode

- **Thermal**
  - 3 dual 40 mm ball-bearing chassis cooling fans
  - Fan failure alert
  - High temperature email alert with auto-shutdown option

- **Operating Environmental**
  - 0° - 40° C (32° - 104° F)
  - 20% – 80% humidity (non-condensing)
  - FCC, UL, CE, C-Tick, KCC, VCCI, RoHS compliance

- **Physical**
  - Form factor: 1U rack-mount
  - Dimension: (h x w x d)— 43 x 430 x 318 mm (1.7 x 16.9 x 12.5 in)
  - Weight: 9.5 kg (22 lb) with 4 disks

- **Optional Spare Parts**
  - Hot-swappable disk tray
  - Dual 40 mm ball-bearing chassis cooling fan
  - X-Change® S10 spare system module

- **Warranty**
  - NETGEAR 5-year Warranty

- **ProSupport Service Packs Available**
  - **OnCall 24x7, Category 3**
  - PMB0333
  - **XPressHW, Category 3**
  - PRR0333-100