



Performance, capacity, and ease-of-use

- Powerful high-performance architecture for faster data throughput
- Up to 6 TB storage works with Windows®, Mac®, and Linux® clients across the network
- Data protection with auto RAID management
- Dual Ethernet failover design for high availability

ReadyNAS™ Pro is the newest and most powerful member of the award-winning ReadyNAS product family. Designed for small and medium businesses, workgroups and home offices, ReadyNAS Pro delivers class-leading performance, ease of use, and robust features in a desktop small form factor chassis supporting 6 SATA channels and up to 6 TB of storage. This 6-bay gigabit network attached storage (NAS) appliance is packed with high-end server features, including RAID (redundant array of independent disks) levels 0, 1, 5, 6, and Auto-Expandable X-RAID2 support for data protection against disk failure, system monitoring capabilities and built-in backup. To ensure high availability to stored data, the ReadyNAS Pro features dual redundant Gigabit Ethernet ports for failover protection.

Class-leading Performance

Powered by an Intel® Core™ 2 Duo processor, the ReadyNAS Pro is a powerful NAS for mission-critical business data across a variety of different platforms. The high-performance platform coupled with dual Gigabit Ethernet and jumbo frame support provides enough bandwidth to allow more users to access data storage simultaneously.

Easy Deployment and Management

With an easy Web browser interface and setup wizard, ReadyNAS can be configured with minimal effort — saving you valuable time. Traditional file servers can take hours to configure and, even once up and running, don't have built-in system monitoring and email alerts. Available with ReadyNAS, automatic alerts give you the peace of mind that things are running smoothly because if trouble should arise, you will be notified.

RAID

The ReadyNAS Pro utilizes hardware-accelerated RAID to ensure full data redundancy without compromising the system performance. Incorporating Intel Matrix Storage Technology, the ReadyNAS Pro supports RAID levels 0, 1, 5, 6, and NETGEAR's patent pending X-RAID2™, with hot spare capability. With RAID 6, the system ensures data integrity even with 2 simultaneous disk failures. The extra disk bays provided by the 6-bay ReadyNAS Pro makes RAID 6 and hot spares practical options worth considering to prevent any prolonged state in which the ReadyNAS data volume is left in an unprotected state.

X-RAID2 Technology

X-RAID2 is the 2nd generation of ReadyNAS's proven patent-pending Auto-Expandable X-RAID technology. X-RAID2 automates the volume expansion for you as you scale from 1 drive to 6 drives while keeping your data online. Additionally, as your storage requirement grows, you can replace your disks with larger capacity ones, and X-RAID2 automatically and incrementally expands your storage "vertically." No other NAS devices in this class can do this without reformatting your disks and shuffling your data back and forth.

Backup

A sound backup strategy is important. Relying on manually copying your important files is tedious and error-prone. With CDP (continuous data protection) backup and recovery software, you can set automatic backups of all of your network clients – whether they are Windows or Mac – to your ReadyNAS. Additionally, ReadyNAS includes an integrated backup manager that enables one-button backup from your NAS appliance to external USB HDD for offsite rotation, or to remote servers.

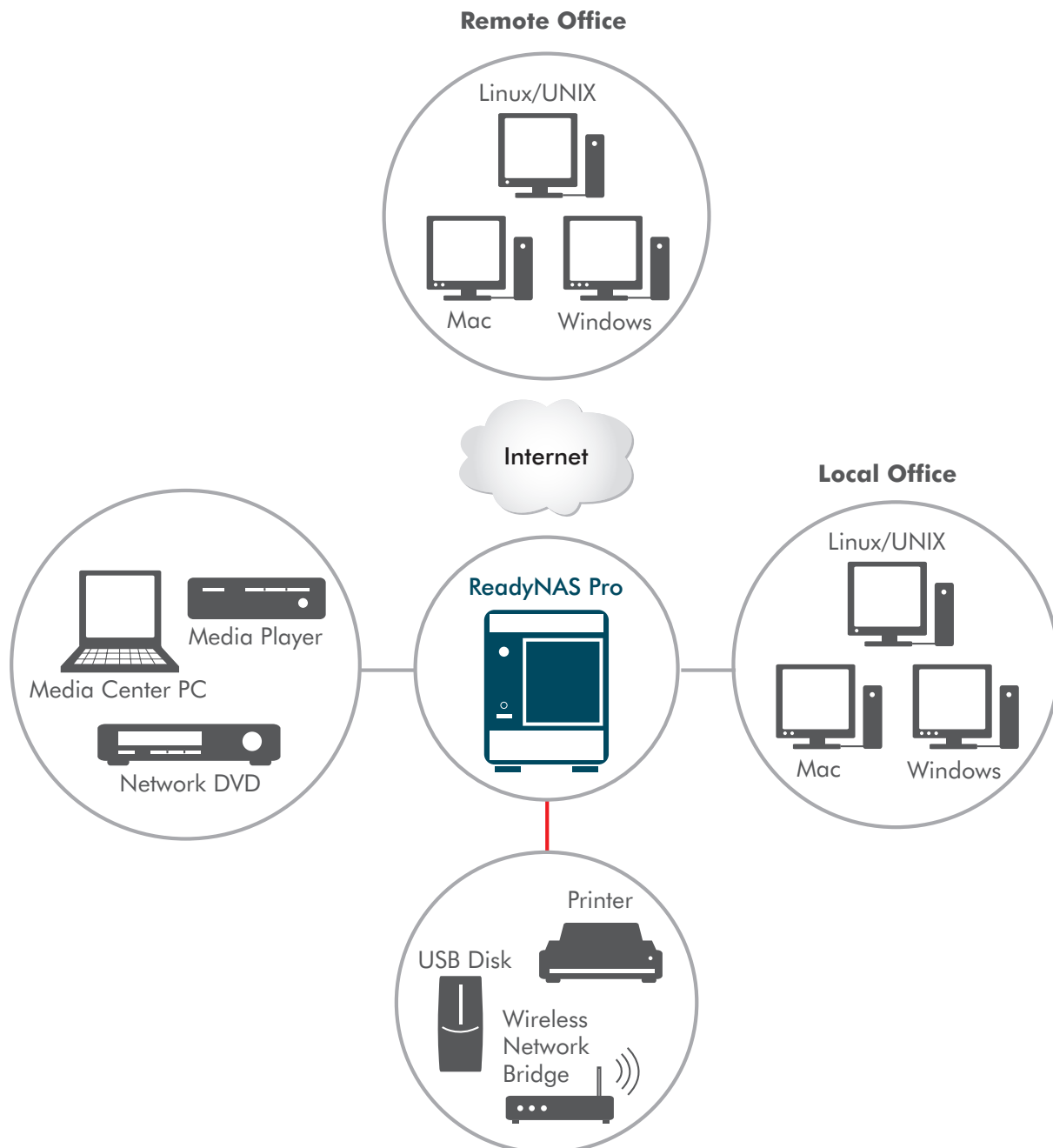


Advanced System Design

The industrial design and compact desktop form factor of the ReadyNAS Pro makes it perfect not just for small and medium size businesses, but also for departments and work groups. Standing only ten inches tall and seven inches wide, it can fit in any server space or on any desk. ReadyNAS Pro also offers low power consumption and a special energy-saving mode allows you to automate startup and shutdown according to a pre-programmed schedule, in addition to the disk spin-down for regular power saving.

File Serving and Media Streaming

ReadyNAS Pro is a single centralized source for all of your digital data. The variety of computers and hard drives that currently house the data in your office and home can make locating a particular file quite arduous. ReadyNAS can bring all of that data together for fast and easy file serving to multiple clients simultaneously across the local network or via the Internet.



• Technical Specifications

- Intel Core 2 Duo Processor
- 1 GB DDR2 DIMM (expandable with additional slot, support up to 4 GB)
- Embedded 128 MB Flash Memory for OS
- 6 Serial ATA II channels
- Hot swappable and lockable trays
- Two 10/100/1000 Ethernet ports with load balancing and failover
- OLED display
- 3 USB 2.0 ports
- Supports Windows, Mac, Linux/UNIX Clients
- DHCP server and print server
- Setup Wizard and easy browser-based interface

• RAID

- Hardware-accelerated X-RAID2 single volume auto expansion
- Multiple volume support for hardware-accelerated RAID 0, 1, 5, 6
- Hot swap support
- Hot spare support

• Volumes

- Volume management
- Single volume auto expansion (X-RAID2)
- Journaled file system
- User and group quotas

• Network File Services

- 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 support
- Rsync

• Media Streaming

- UPnP AV
- Logitech SlimServer
- Network DVD player compatible
- Windows MCE compatible
- Apple iTunes® server
- Sonos® music player

- SONY PlayStation®3
- Microsoft Xbox®, Xbox 360®
- NETGEAR Digital Entertainer HD EVA8000 Series

• Network Security

- Selectable, user, domain/ADS modes
- Windows ACL
- Encrypted network logins
- Secure Sockets Layer (SSL)

• Open Platform

- API (Application Programming Interface)
- Root SSH access

• Network Options

- DHCP or static IP
- WINS, NTP

• System Management

- Performance options
- Device status
- System configuration backup and restore
- Email alerts and event logs
- Wake-on-LAN
- SNMP

• Backup

- Integrated Backup Manager
- Programmable backup button
- Backup to/from CIFS/NFS/FTP/HTTP & Rsync
- Backup to/from USB disks
- Bundled CDP (continuous data protection) backup software for Windows and Macintosh

• USB Device Supported

- USB HDD and flash drives
- Printers
- Digital camera auto-copy
- UPS monitoring and auto-shutdown
- Wireless network bridges

• Web Browsers Supported

- Internet Explorer 7.0+

- Opera 7.0+; Safari 2.0+
- Mozilla Firefox® 2.0+

• Languages

- Management UI: English, Japanese, Chinese, and German
- File name: Unicode

• Electrical

- 300W server-rated AC power supply
- Input: 100 – 240V AC, 50/60 Hz

• Power Consumption

- 115W typical (with 6 x 500 GB disks)
- Power-saving mode

• Thermal

- Software-controlled 120 mm chassis cooling fan
- Software-controlled 90 mm CPU cooling fan
- Fan failure alert
- High temperature email alert with auto-shutdown option

• Operating Environment

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

• Physical

- Kensington lock security hole
- Dimensions: (h x w x d)
250 x 170 x 285 mm
(10.0 x 6.7 x 11.2 in)
- Weight: 7.5 kg (16.5 lb) without disks

• Optional Spare Parts

- Lockable SATA disk tray
- 120 mm chassis fan

• Available Configurations:

- RNDP6350 – 1.5 TB (3 x 500 GB HDD)
- RNDP6310 – 3.0 TB (3 x 1000 GB HDD)
- RNDP6610 – 6.0 TB (6 x 1000 GB HDD)


• Warranty

- NETGEAR 5-year Warranty†

NETGEAR®

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