Smart IT Solutions for Small Businesses and Remote Offices

- Ideal virtualization platform for smaller locations
- A cost-effective backup to disk solutions for remote offices
- Hybrid cloud support for online archive, file sharing and managed services
- Cross-platform file sharing support for Windows®, Macintosh®, and UNIX®/Linux systems
- Optional multi-site file replication tools with centralized management
- Unified architecture for simultaneous SAN and NAS support
- Complete 3rd party backup software compatibility for physical, virtual and mixed environments

The ReadyNAS Pro family brings reliable, affordable and simple solutions for data management to small offices and remote locations. It's an affordable business-class platform for shared storage in VMware®, XenServer™ and Hyper-V™ environments. The Pro can also deliver reliable disk-based backup capacity for locations looking to reduce tape dependence, with scalable replication options for remote site data protection.

Reliable

The Pro family delivers business-class data protection and management that's a step above consumer grade products. A complete set of backup tools is included with every system.

- Embedded hybrid cloud archive for automatic offsite data protection
- The industry's first standard 5-year warranty
- Enterprise-grade[1] SATA drives provide up to twice the reliability as desktop drives
- The ReadyNAS Replicate software option for simple backup, restore and disaster recovery job creation and management across systems and sites

Affordable

Don't hire more staff to handle smaller sites, and stop depending on part-time or non-professional IT staff to get the job done. The Pro family is a simple to install appliance and can be managed from any network location. Automatic capacity expansion means easy growth on-the-fly. A full suite of storage protocols means any new application can access the capacity it needs, when it needs it. No costly system architects or maintenance are necessary. And when it is time to enhance features, easy-add-on applications can be installed without command line complexity.

Symantec Backup Exec – ReadyNAS Pro is the only system in its class to officially support the Symantec RALUS agent. Improve performance in your existing Symantec environment up to 120%!

Acronis® Backup and Recovery – Trial licenses of Acronis' image backup software are included with all Pro family systems. Simplify disaster recovery in physical and virtual environments with disk-based backup tools.

Egnyte® Office Local Cloud – Hybrid cloud file sharing options are available for offsite workers. Access files from outside the office as if users were on the LAN, and keep files synchronized seamlessly.

ReadyNAS Remote

ReadyNAS Replicate

ReadyNAS Vault

vmware READY

CERTIFIED FOR Windows Server® 2008 R2

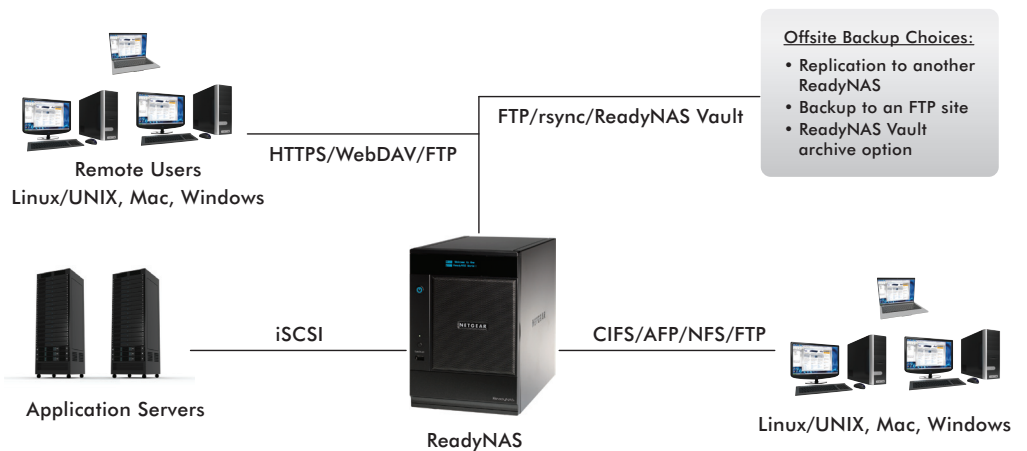CITRIX ready™

Acronis®

symantec™

Simple

Truly affordable small office storage is not typically available from traditional enterprise vendors. The ReadyNAS Pro family scales with business needs and budget constraints, and cuts license, installation, maintenance and staffing needs down upon installation.

ReadyNAS Vault™ – Recover files from any browser location; save multiple archive versions and securely transfer data offsite without new agents, software licenses or personnel.

ReadyNAS Replicate – Move data between sites, to a central location or in any direction required with this central management tool. Eliminate scripting, command-line and individual job management. Simpify capturing data from the edge of the network and bring it safely home to the core.
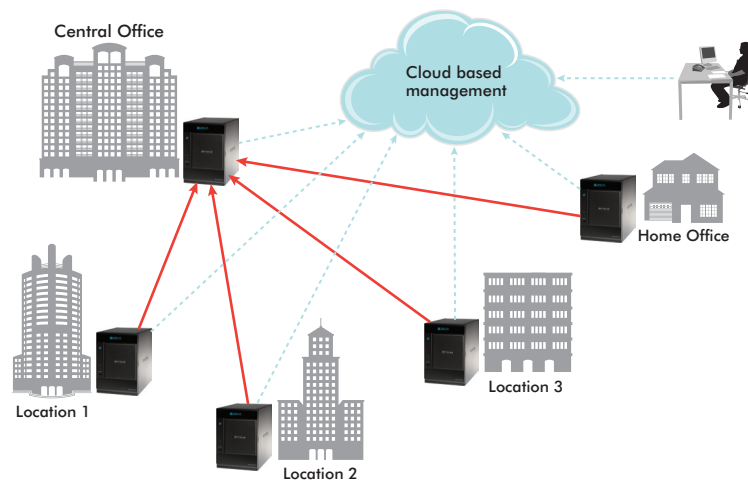
ReadyNAS Remote – An automatic VPN is built into every ReadyNAS Pro. No firewall configuration, extra appliances or licenses are necessary to access files as if they were local - even from outside of the network.

The ReadyNAS World!

Remote Users
Linux/UNIX, Mac, Windows

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

iSCSI

CIFS/AFP/NFS/FTP

ReadyNAS

Linux/UNIX, Mac, Windows

ReadyNAS Replicate™
Central management, multiple sites, easy and secure

Central Office

Cloud based management

Home Office

Location 1

Location 2

Location 3

Technical Specifications

• General
– NETGEAR RAIDiator Operating System
– Setup Wizard and easy browser-based interface
– Integrates with Active Directory users and group authentication
– Intel multi-core processor
– Fully managed dual 10/100/1000 Ethernet ports for link aggregation and failover

• RAID
– X-RAID2 automatic single volume online expansion
– Multiple volume support for RAID 0, 1, 5, 6, 10
  (RAID level support depends on number of drives/bays)
– Background sync and Smart sync resume
– Life support mode
– Hot swappable disks
– Hot spare disk support

• Volumes
– Advanced volume management (Flex-RAID)
– Journaling 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

• Included Backup Software/Option
– Support of Symantec® Backup Exec agent (RALUS license required)
– Acronis® ABR10 Virtualization Edition and Advanced Workstation Edition (unlimited license free for 90-days with registration)
– ReadyNAS Replicate
  - Secure replication software with online unified management
  - Free trial license for 45-days with registration
  - Perpetual license available for purchase. part number: RN00RPL1
– ReadyNAS Vault™ cloud-based online backup
  - Optional service
  - 30-day free use included

• Supported USB Devices
– Programmable, one-touch, on-demand backup button
– External USB hard drives (support for FAT32, Ext2, Ext3, and NTFS)
– UPS with monitoring and auto-shutdown

• Power-saving Options
– Disk spin-down
– Power-on schedule
– Wake-on-LAN

• Supported Web Browsers
– Internet Explorer® 9.0+
– Opera 11.0+
– Safari® 5.0+
– Mozilla Firefox® 4.0+
– Chrome™ 11+

• Languages
– Management UI: English, German, French, Chinese, Japanese, Korean, and Russian
– File names: Unicode

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

• Optional Spare Parts
– Hot swappable SATA disk tray
– AC/DC power adapter for ReadyNAS Pro 2

• Warranty
– NETGEAR 5-year Warranty†

• ProSupport Service Packs Available
– **ReadyNAS Pro 2**
  - OnCall 24x7, Category 1
    - PMB0331
  - XPressHW, Category 1
    - PRR0331
– **ReadyNAS Pro 4**
  - OnCall 24x7, Category 2
    - PMB0332
  - XpressHW, Category 2
    - PRR0332
– **ReadyNAS Pro 6**
  - OnCall 24x7, Category 3
    - PMB0333
  - XPressHW, Category 3
    - PRR0333-100

ReadyNAS Pro Series Hardware Specifications

	ReadyNas Pro 2	ReadyNas Pro 4	ReadyNas Pro 6
Form factor	2-bay desktop	4-bay desktop	6-bay desktop
Platform	1.8 GHz Intel Atom Dual Core Processor 1 GB DDR2 SODIMM	1.66 GHz Intel Atom Dual Core Processor 1 GB DDR2 SODIMM	2.66 GHz Intel Pentium Dual Core Processor 1 GB DDR2 DIMM
Networking ports	2 x 10/100/1000 Link aggregation and failover	2 x 10/100/1000 Link aggregation and failover	2 x 10/100/1000 Link aggregation and failover
LCD/LED	Power/ status LEDs	Power/ status LEDs LCD display	Power/ status LEDs OLED display
USB 2.0 ports	1 front (USB 3.0) w/ backup button 2 rear	1 front w/ backup button 2 rear	1 front w/ backup button 2 rear
Dimensions (w x h x d)	101 x 142 x 222 mm (3.98 x 5.56 x 8.70 in)	134 x 205 x 223 mm (5.28 x 8.07 x 8.78 in)	170 x 250 x 285 mm (6.7 x 10.0 x 11.2 in)
Weight without disks	2.07 kg (4.56 lb)	4.70 kg (10.35 lb)	7.3 kg (16.08 lb)
Electrical	12V, 5A power adapter, localized to country of sale Input: 100-240V AC, 50/60Hz	120W server-rated AC power supply Input 100 – 240V AC, 50/60Hz	300W server-rated AC power supply Input 100 – 240V AC, 50/60Hz
Power Consumption	With 2x1 TB drives: 35 watts normal operation 19 watts with disk spindown	With 4x1 TB drives: 45 watts normal operation 25 watts with disk spindown	With 6x1 TB drives: 90 watts normal operation 47 watts with disk spindown
Thermal	Software controlled 80 mm chassis fans

Fan failure alert

High temperature email alert with auto-shutdown | Software controlled 92 mm chassis fan

Fan failure alert

High temperature email alert with auto-shutdown | Software controlled 120 mm chassis fan

Fan failure alert

High temperature email alert with auto-shutdown |
| Available Configuration/ Model[2] | RNDP2000 RNDP2210 RNDP2220 RNDP2230 | RNDP4000 RNDP4410 RNDP4420 RNDP4430 | RNDP6000-200 RNDP6310-200 RNDP6610-200 RNDP6620-200 RNDP6630-200 |
| Performance[3] | Read 98 MBps Write 98 MBps | Read 109 MBps Write 96 MBps | Read 112 MBps Write 113 Mbps |

Please visit www.readynas.com for the latest performance benchmark.