

ReadyNAS™ NV+

A New Class of Network Attached Storage



ReadyNAS™ NV+ was designed specifically for home offices, small businesses and workgroups. Never before has there been available a cost-conscious Network Attached Storage (NAS) appliance packed with robust high-end server features, including Gigabit Ethernet, hardware RAID, system monitoring capabilities and built-in backup. ReadyNAS couples out of the box deployment and easy management with robust file serving and data redundancy.

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.

Complete Data Protection

You already know how important it is to backup your pictures, digital media and business files, but the truth is, you need it to be easy as well as bullet-proof. ReadyNAS was built to facilitate your backup strategy.

RAID

Supporting hardware accelerated RAID (Redundant Array of Independent Disks) levels 0, 1, 5 and ReadyNAS's own X-RAID™ technology, ReadyNAS ensures full data redundancy with protection against hardware failure – something previously only available in high end servers. If one drive fails, the data volumes can still be rebuilt with the remaining drives. Without RAID, once a failure occurs, you risk losing all of the data stored on the drive.

X-RAID Technology

ReadyNAS's Patent Pending X-RAID technology automates the volume expansion for you as you scale from 1 HDD to 4 HDD. Most NAS devices on the market aren't future-proof. You can't add or replace disks for larger capacity. ReadyNAS allows you to start with one disk, then add the additional drives over time, without reconfiguring the system and shuffling the data. Additionally, as disk capacity becomes larger and cheaper, you can replace all four disks, one-by-one, while X-RAID automatically manages the RAID details for you.

Backup

A sound backup strategy is important and relying on manually copying your important files is tedious and error-prone. With the help of EMC® Retrospect® backup and recovery software, you can set automatic backups of all of your network clients – whether they are Windows, Mac or Linux – 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, if needed.

Key Benefits

- ❖ Serve Files Easily
- ❖ Backup Data Effortlessly
- ❖ Stream Music & Video Quickly
- ❖ Share Printers Painlessly
- ❖ Works with Windows, Mac, and Linux

File Serving and Media Streaming

ReadyNAS is a single centralized source for all of your digital data. The variety of digital devices and hard drives that currently house the data in your home and office 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. If it's video or other high-definition media you are working with, you can use your ReadyNAS for streaming to multiple devices at the same time.

Advanced System Design

The industrial design and ultra compact form factor of the ReadyNAS makes it perfect for any home office or small business. Standing only 8 inches tall and 5 inches wide, it can fit in any entertainment center or on any desk without taking up much space or making much noise. ReadyNAS also offers low power consumption and a special energy-saving mode that allows you to automate startup and shutdown.

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ReadyNAS™ NV+

Award winning ReadyNAS Product Family



April 2006
Infrant ReadyNAS NV



April 3, 2006
Infrant ReadyNAS NV



March 26, 2006
Infrant ReadyNAS NV



Comparing
the ReadyNAS NV+
with the size of a CD



General

- IT3107 Network Storage Processor
- 4 Serial ATA channels
- Compatible with SATA and SATA II HDD
- Hot swappable and lockable trays
- 10/100/1000 Ethernet
- LCD display
- 3 USB 2.0 ports
- 256MB PC2700 DDR-SDRAM SO-DIMM
- Embedded 64MB Flash Memory for OS
- Supports Windows, Mac, Linux/UNIX Clients
- DHCP server and print server
- Setup wizard and easy browser-based interface

RAID

- Hardware X-RAID single volume auto expansion
- Multiple volume support for RAID 0, 1, 5

Volumes

- Volume management
- Single volume auto expansion (X-RAID)
- Journalled file system
- User, group, and share-level 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

Media Streaming

- UPnP AV
- SlimServer
- Network DVD player compatible
- Windows MCE compatible

Network Security

- Selectable Share, User, Domain/ADS modes
- Windows™ ACL
- Encrypted network logins
- Secure Socket Layer (SSL)

Network Options

- DHCP or static IP
- WINS, NTP

System Management

- Performance options
- Device status
- Email alerts and event logs
- SNMP

Backup

- Integrated Backup Manager
- Programmable backup button
- Backup to/from CIFS/NFS/FTP/HTTP & RSYNC
- Backup to/from USB disks
- Bundled backup software
EMC® Retrospect® Professional for Windows (5 users license)
EMC® Retrospect® Desktop for Macintosh (5 users license)

USB Device Supported

- USB HDD and flash drives
- Printers
- UPS monitoring and auto shutdown
- Wireless network adapters

Web Browsers Supported

- Internet Explorer 6.0+
- Netscape Navigator 7.0+
- Opera 7.0+; Safari 1.22+
- Mozilla Firefox 1.03+

Languages

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

Electrical

- Fanless server-rated AC power supply
- Input: 100 - 240 VAC, 50/60Hz

Power Consumption

- 55 W typical (with 4 x 250GB disks)
- Power saving mode

Thermal

- 92mm ball-bearing chassis cooling fan
- Fan failure alert
- High temperature email alert with auto-shutdown option

Operating Environmental

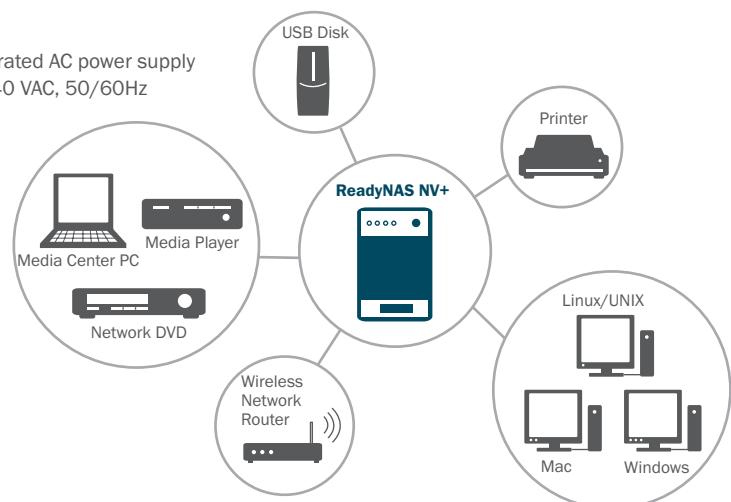
- 0 °C-40 °C
- 20-80% Humidity (non-condensing)
- FCC, UL, CE, C-tick, RoHS compliance

Physical

- Kensington® lock security hole
- Easy carry handle
- Dimension: 7.9 H x 5.2 W x 8.7 D (inch)
200 H x 132 W x 222 D (mm)
- Weight: 10 pounds (4.6 Kg) without disks

Optional Spare Parts

- Lockable disk tray
- 92mm chassis fan
- AC power supply



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