

ReadyNAS™ 1000S

Compact design, affordable and uncompromised performance

By incorporating the world's first and most innovative Network Storage Processor (NSP), the ReadyNAS 1000S revolutionizes network storage for the enterprise by offering an ultra-compact, 18 inch deep, 1U rack-mount NAS complete with enterprise-level features without the enterprise-level price. The ReadyNAS 1000S is the ultra-compact and ultra-affordable 1U NAS from Infrant Technologies.

With four hot pluggable Serial ATA (SATA) trays, the ReadyNAS 1000S is capable of providing up to 2.0 terabytes of storage configured at RAID levels 0, 1, or 5. The ReadyNAS 1000S can immediately enhance productivity with its cross-platform data sharing support: including Windows, Mac, Linux, UNIX, Web browsers, and FTP clients. With a few clicks of the mouse, it can easily integrate with an existing Windows Active Directory Service, allowing seamless and secure access for existing network users. With the embedded Infrant RAIDiator™ OS, the ReadyNAS 1000S can serve any number of users without incurring any additional licensing fees.

Once configured, the built-in alert system constantly monitors the health of the device. Any failure or warning condition is immediately reported, and the ReadyNAS even monitors the UPS status and performs a safe shutdown if the battery level is low to prevent data loss. With SNMP monitoring and trap support, the ReadyNAS 1000S fits right into any SNMP managed environment.

ReadyNAS 1000S Highlights



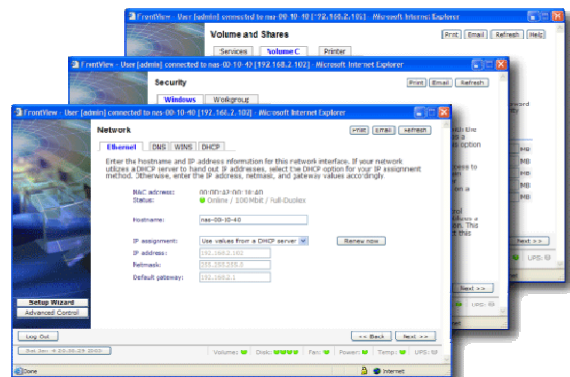
- 32-bit RISC Network Storage Processor
- 512 MB memory
- Compatible with Windows, Mac, UNIX, and Linux systems
- Hardware RAID 0, 1, and 5
- 4 Hot-plug hard disk trays, supports 4 SATA disks
- Gigabit Ethernet
- Wireless networking ready
- DHCP and static IP support
- SNMP Support
- Two USB 2.0 ports
- Built-in print server
- Integrated enclosure and UPS monitoring
- Convenient two-click online updates
- Support multi-lingual support browser based interface
- Consolidated wiring for improved reliability and serviceability
- 240W Power Supply with PFC

Driven by RAIDiator™

RAIDiator™ is Infrant's award-winning embedded operating system. With the Setup Wizard, setting up the NAS is a breeze. And in Advanced Control mode, user can choose among three different security levels, snapshot, enabling access on a network protocol basis, SNMP, etc.

Integrated Backup Manager

With the integrated Backup Manager, backups to and from the ReadyNAS can be performed over FTP, HTTP, CIFS, NFS, and Rsync directly without the need for an external backup client. Coupled with the built-in snapshot support, data-consistent backups can be accomplished while the ReadyNAS is online.



Order information

Model Number	Description	Raw Capacity
RN1000S-DLS	ReadyNAS 1000S 1U rack mount NAS w/ RAIDiator OS Infrant NSP, 512MB memory, Diskless system	Diskless System
RN1000S-1000	ReadyNAS 1000S 1U rack mount NAS w/ RAIDiator OS Infrant NSP, 512MB memory, 4 x 250GB SATA Drive	1TB
RN1000S-1600	ReadyNAS 1000S 1U rack mount NAS w/ RAIDiator OS Infrant NSP, 512MB memory, 4 x 400GB SATA Drive	1.6 TB
RN1000S-MOUNT	Option, Rack mounting kit for ReadyNAS 1000S	N/A
RN1000S-PCIR	Option, PCI riser card kit for ReadyNAS 1000S	N/A
RN1000S-TRAY	Option, Spare disk tray for ReadyNAS 1000S	N/A

ReadyNAS1000S

Other 1U server

ReadyNAS™ 1000S Specifications

General

RISC Network Storage Processor (NSP)
 Four hot swappable S-ATA drive support
 10/100/1000 Mb Ethernet interface
 Two USB2.0 ports
 RAIDiator OS

RAID

RAID Level 0/ 1/ 5
 Standby Hot-spare
 Background Sync and Smart Sync Resume
 Life-support Mode

Volumes

Full Volume Management
 Journal and non-Journal Mode
 User, Group, and Share-level Quotas
 Snapshot with Scheduling

Network File Services

CIFS/SMB
 NFS (v2, v3)
 AFP
 HTTP/HTTPS
 Anonymous FTP
 RSYNC

Network Security

Three Security Levels supported (Share, User, and Domain/ADS)
 Windows File and Folder Access Control List (ACL)
 Secure Socket Layer (SSL)
 User access tracking
 Encrypted Network Logins

Network

Gigabit Interface
 802.11g via PCI Option*
 Automatic IP assignment via DHCP
 Static IP assignment
 DHCP server mode

System Management

RAIDar™ Discovery and Monitoring Agent
 FrontView™ Setup Wizard and Advanced Control
 Enclosure Monitor
 Email Alerts
 Integrated Update Agent
 SNMP Monitoring and Traps
 UPnP
 Print queue management

Integrated Backup Manager

Full and incremental backups
 Supports backup from HTTP, FTP, NFS, CIFS/SMB, RSYNC, USB disk, and NAS shares
 Supports backup to NFS, CIFS/SMB, RSYNC, USB disk, and NAS shares
 Supports syncing between multiple NAS devices
 Automatic copy from USB flash memory devices
 Backup USB disk accessible as a share
 Full backup file logs

USB Devices Supported

Printers
 Wireless 802.11b
 UPS monitoring
 Flash memory
 USB disks with support for FAT32, Ext2, Ext3, and NTFS (read-only)

Languages

English
 Japanese
 Chinese Simplified/ Traditional
 Korean

Web Browsers Supported

Internet Explorer 6.0+
 FireFox 1.0
 Netscape Navigator 7.0+
 Safari 1.22+

Options

1U Rack-mount kit
 PCI slot extender *(for qualified 802.11g)

Electrical - AC Input

PSU Input Voltage: 80 ~ 264 VAC at 50/60 Hz
 PSU Input Current: 7.0A RMS for 115VAC
 4.0A RMS for 230VAC
 Typical Power Consumption: <100W with 4 HDD

Operating Environmental

0 - 40 °C
 20 - 80% Humidity (non-condensing)

Physical

Form Factor: 1U Rack-mount
 Height: 1.7 inches (43.5 mm)
 Width: 16.9 inches (430 mm)
 Depth: 18.5 inches (470 mm)
 Weight: 19 pounds (8.6 Kg) (Without HDD)