

# ReadyNAS™ X6

## Media Server with X-RAID

An Infrant Network Attached Storage (NAS) appliance is the safest way to store and share valuable digital media files on a home network. The Infrant **ReadyNAS X6 Media Server with X-RAID** technology offers unparalleled protection, performance, and expansion capabilities for the home NAS user. X-RAID technology allows users to add drives at their leisure. Start with one disk and add a second disk to gain disk failure protection. Add a third disk to automatically double the capacity while maintaining protection. Finally, add a fourth disk to triple the protected capacity. During this process, all user data is kept intact and all complex reconfiguration tasks are handled automatically. This Expandable Protection is available only through Infrant's patent pending X-RAID™ technology.

### Expandable Protection™ with X-RAID

- **Expandability:** The flexibility to add more storage space on demand. Automatically increase capacity without reconfiguring the system or migrating any data.
- **Protection:** With two or more disks installed, X-RAID protects against single disk failure.
- **Value:** For the cost conscious, start with one drive and add more as your needs or budget allows.

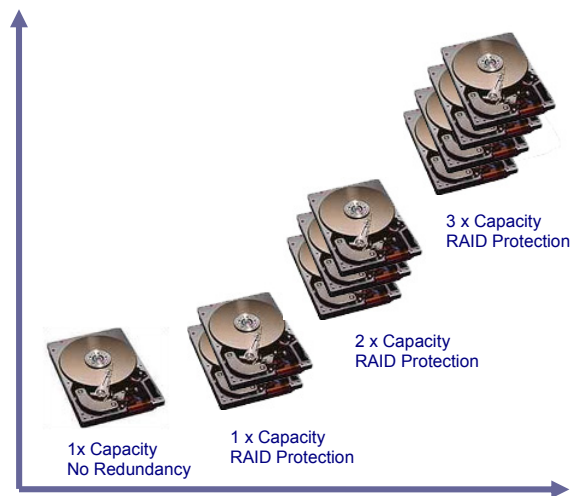


### RAID, Gigabit Ethernet, and S-ATA Disks

RAID (Redundant Array of Independent Disks) when specifically configured, protects against a single-disk failure in a storage device. RAID protection has been standard fare in the business world for quite some time. The Infrant ReadyNAS makes this same protection available to home users.

Gigabit Ethernet insures quick file transfers, very useful for large files such as digital video.

Serial ATA disks offer better performance than the aging IDE interface.



### System Highlights

- Infrant IT1004 Network Storage Processor
- 256 MB Memory
- Support 4 Serial ATA disks
- Gigabit Ethernet
- Two USB 2.0 ports
- X-RAID Expandable Protection
- Works with Windows, Mac, UNIX, Linux
- Wizard setup
- Integrated Backup Manager
- Share, User and Domain based security
- Support USB Disks and USB flash
- Built-in Printer server
- Smart UPS monitoring
- Compatible with leading network DVD players and UPnP AV streaming service
- Low power and quiet

### Driven by RAIDiator™

RAIDiator is Infrant's comprehensive embedded NAS operating system included with each ReadyNAS system. The browser-based Setup Wizard ensures a quick setup process. The integrated Media Server makes it easy to stream video and audio to various media clients.

Built-in system monitoring provides reliable operation and email alerts can be sent for any detected malfunctions. With the Integrated Backup Manager, the ReadyNAS can be scheduled to perform automatic backups from or to other PC's and USB disks. With the Infrant **ReadyNAS X6**, data storage management has never been easier for the home NAS users.

## Order information

<b>Model Number</b>	<b>Description</b>	<b>Raw Capacity</b>
RNX6-DLS	ReadyNAS X6 w/ RAIDiator OS, X-RAID, Infrant IT1004 NSP, 256MB memory, Diskless system	No disk
RNX6-250	ReadyNAS X6 w/ RAIDiator OS, X-RAID, Infrant IT1004 NSP, 256MB memory, One 250GB SATA Drive	250 GB
RNX6-400	ReadyNAS X6 w/ RAIDiator OS, X-RAID, Infrant IT1004 NSP, 256MB memory, One 400GB SATA Drive	400 GB
RNX6-500	ReadyNAS X6 w/ RAIDiator OS, X-RAID, Infrant IT1004 NSP, 256MB memory, Two 250GB SATA Drive	Redundant 250GB
RNX6-800	ReadyNAS X6 w/ RAIDiator OS, X-RAID, Infrant IT1004 NSP, 256MB memory, Two 400GB SATA Drive	Redundant 400GB
RNX6-1000	ReadyNAS X6 w/ RAIDiator OS, X-RAID, Infrant IT1004 NSP, 256MB memory, Four 250GB SATA Drive	1.0 TB
RNX6-1600	ReadyNAS X6 w/ RAIDiator OS, X-RAID, Infrant IT1004 NSP, 256MB memory, Four 400GB SATA Drive	1.6 TB

## ReadyNAS X6 Quick Spec

### General

32-bit Infrant Network Storage Processor  
Support 4 SATA disk, up to 2TB capacity  
X-RAID fault-tolerant redundancy  
Easy Disk Access  
Gigabit 10/100/1000 Ethernet  
Two USB 2.0 ports  
On-board Flash RAIDiator OS  
Compatible with Windows, Mac, UNIX, & Linux  
DHCP Server and Print server

### Volumes

Volume Management  
Journal and non-Journal Mode  
User-level Quotas

### Network File Services

CIFS/SMB for Windows  
AFP for Mac OS 9/X  
NFS v2 / v3 for Linux and UNIX  
HTTP for Web Browsers  
Anonymous FTP  
UPnP AV

### Network Security

Secure Socket Layer (SSL)  
Windows ACL  
Share Access Control  
All Network Logins utilize Encryption

### IP Assignment

Static IP & DHCP

### Backup

Integrated Backup Manager on NAS  
Backup to/from CIFS/NFS/FTP/HTTP & Rsync  
Backup to/from USB disks

### System Management

Performance Options  
Device Status  
Email Alerts  
Event Logs  
SNMP

### USB Device Supported

USB Disks and flash  
Printers  
UPS Monitoring  
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

English, Japanese, Korean, Chinese

### Electrical - AC Input

Voltage: 110/220 VAC at 50/60 Hz  
Rating: 220 Watt  
Power Consumption: < 100W (with four HDD)

### Operating Environmental

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

### Certifications

FCC, UL

### Physical - Small pedestal form factor

Height: 8.0 inches (20 cm)  
Width: 8.5 inches (22 cm)  
Depth: 10.5 inches (27 cm)  
Weight: 9 pounds (4 Kg) (Without HDD)

### Infrant Technologies Inc.

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