



NA-1400

Network-Attached Storage Appliance



Are your electronic files getting out of control?

Consolidate and manage your electronic data in an affordable, compact storage device.

Is your electronic data getting too big to handle? Now there's an easy, affordable solution for consolidating and managing your electronic files – the Newisys® NA-1400 Network-Attached Storage Appliance. The NA-1400 connects to your network, personal computer or favorite media device to provide up to two terabytes of external storage in a compact, external unit.

For your small business, you can use the NA-1400 as a repository for your shared data, a backup center for critical user data or as an incremental storage unit. Or, if you need extra data storage at home, you can use the NA-1400

as a storage center for files from all your USB 2.0-compliant electronic home media devices – including MP3 players, digital cameras, PDAs, laptop and desktop computers, DVD players/recorders and set-top boxes.

Plus the NA-1400 is easy to use. Preconfigured with user-friendly software, the NA-1400 guides you through installation, maintenance and management activities as you integrate additional storage to your home or business computing environment. The NA-1400 also features two USB ports on the front panel and two GigE ports on the rear panel for easy connectivity.

Product Features

- 640 GB, 1.0 TB, 1.6 TB and 2.0 TB models
- 4 hot-swap SATA I high-capacity disk drives
- 18 – 22 MB/sec performance
- Intel® xScale® processor with Linux®-based operating system for reliability and compatibility
- Two USB ports on the front panel for easy connection with digital media devices; both can be configured for separate networks or direct connect
- Two GigE RJ45 Ethernet ports on the rear panel for direct-attach or Ethernet-based host connection
- Locking front and rear panels for added security against unauthorized removal of hot-swap drives



The Newisys® NA-1400 NAS Appliance

The NA-1400 is ideal for:

Small Businesses

Store and protect important business data in your branch office or small business.

Home Media

Safeguard your personal data, video, photos, movies and music.

Data Protection

Use as a printer server or backup device and enjoy full-featured data protection.



Newisys® NA-I400 at a Glance

Storage Capacity:	Four preconfigured models with capacity totals of 640GB, 1.0 TB, 1.6TB and 2.0TB. RAID level selected will determine the capacity available.
Processor:	Intel® XScale® 80219 600 Processor.
Memory:	Single 256MB DDR SDRAM w/ECC, expandable to 512MB.
Cache:	32KB data cache.
RAID Levels:	RAID 0, 1 and 5.
Supported Hosts:	Up to 20 with base memory configuration.
Client OS Support:	Microsoft® Windows® 9.X, Windows ME, Windows 2000, Windows 2000 Server, Windows XP Professional, Windows XP Home Edition, RedHat®, Mandrake®, SUSE®.
Supported File Systems:	SMB, CIFS, XFS, HTTP, CIM Client, Anonymous FTP.
Supported Media Devices:	USB ports will support up to two USB 2.0-compliant devices at the same time; downward compatible to USB 1.1.
Connectivity:	Two 1Gb Ethernet RJ45 connectors located on the rear panel. Two USB 2.0 connectors located on the front panel.
Configurations and Supported Drives:	NA-I400 640GB (4 x 160GB SATA I drives, preconfigured) NA-I400 1.0TB (4 x 250GB SATA I drives, preconfigured) NA-I400 1.6TB (4 x 400GB SATA I drives, preconfigured) NA-I400 2.0TB (4 x 500GB SATA I drives, preconfigured)

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Operating System: Linux®-based appliance operating system with user-friendly GUI for installation and management activities.

Standard Features Print server (USB).
 External USB disk.
 Access control list.
 File sharing.
 System monitoring and reporting.
 Web-based user interface.

Optional Features Win2000 active directory service.
 Journaling file system.

Dimensions: **NA-I400 1TB and NA-I400 2TB**
 Height: 220 mm (8.7 in.)
 Width: 170 mm (7.2 in.)
 Depth: 260 mm (10.2 in.)
 Weight: 3.6 kg (7.9 lbs)

Power: **(all configurations)**
 External power supply
 Output: 12V, 10.8A, 130W max.
 Input: 90 – 264VAC, 47 – 62 Hz,
 3.2A @ 115VAC,
 1.7A @ 230VAC.

Environmental: **(all configurations)**
 FCC Rating Class B
 Temperature Operating: 0 – 40° C
 Packaged: -40 – 65° C
 Humidity Range Operating: 8% to 80% RH non-condensing.
 Packaged: 5% to 95% RH non-condensing.
 Altitude Operating: Up to 3,048 m (10,000 ft.)
 Packaged: Up to 10,600 m (35,000 ft.)
 Mechanical Operating: 0.25G at 5Hz – 500Hz in all axes.
 Vibration Non-operating: 1.0G at 5Hz – 500Hz in all axes.
 Packaged: ISTA Random Vibration specification.
 Mechanical Shock Operating: 5G, 11 msec duration, ½ sine, all 6 faces.
 Non-operating: 30G, 11 msec duration, ½ sine, all 6 faces.
 Packaged: ISTA Impact specification.
 ESD 15,000V human body model.

