HIGH PERFORMANCE
FASTER
READ/WRITE SPEETS
GIGABIT CONNECTIVITY

2-BAY NETWORK STORAGE ENCLOSURE

ADD SATA DRIVES WITH EASE
Insert up to two internal 3.5" SATA hard drives without using any tools or attaching any cables

BACK UP AND PROTECT FILES
Protect important files by making regular backups to mirrored hard drives using RAID 1 technology

BUILT-IN FTP SERVER
Conveniently access stored files over the Internet

SECURE DIGITAL FILE SHARING FEATURE
The D-Link DNS-321 2-Bay Network Storage Enclosure, with its internal SATA drives* , enables you to share documents, files and digital media such as music, video and photos with everyone on your home or office network. Remote access to files from the Internet is also possible with the built-in FTP server. Data will be kept safe, whether accessed locally or over the Internet, through owner-defined rights given to specific users or groups. When you configure the DNS-321, you can set up access privileges by setting up users, groups and folders and their respective permissions. This feature is ideal for an office environment with employee-specific sensitive data or for homes to prevent children from accessing inappropriate material.

STREAM DIGITAL MEDIA CONTENT WITH BUILT IN MEDIA SERVER
Easily back up your digital media files to the DNS-321 for safekeeping. After securing your files, enjoy benefits of the built-in UPnP AV media server as you stream digital content to compatible media players (such as those found in D-Link's MediaLounge product line). This feature is highly convenient as it allows you to turn off a computer that would normally be needed for the same function.

PROTECTION, PERFORMANCE AND FLEXIBILITY
The availability of four different hard drive modes (Standard, JBOD, RAID 0, RAID 1) allows you to choose the configuration best suited to your needs. Standard mode creates two separately accessible hard drives. JBOD combines both drives in linear fashion for maximum space efficiency. RAID 0 combines both drives in a 'striped' configuration, which provides the highest performance. RAID 1 causes the drives to mirror each other, providing maximum protection. If one drive fails while configured as RAID 1, the unaffected drive continues to function as a single drive until the failed drive is replaced. The new drive will then be remirrored, allowing the DNS-321 to return to its previously secured state.

* SATA drives are not included with the DNS-321 and are to be purchased separately

D-Link

BACK UP AND SHARE DIGITAL FILES

DNS-321

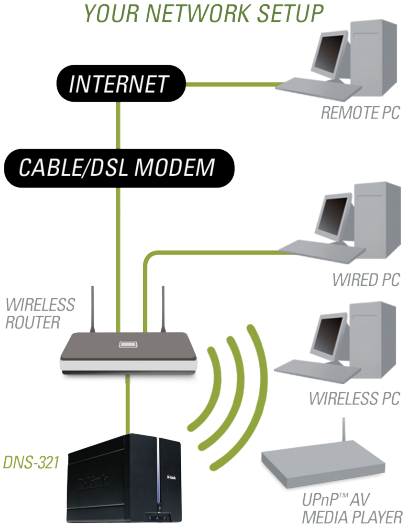
WHAT THIS PRODUCT DOES

The D-Link DNS-321 2-Bay Network Storage Enclosure, with its internal SATA drives*, enables you to share your documents, music, photos and videos across the network and on the internet where they'll be accessible to family members, friends and employees. This enclosure allows you to create a central network point for backing up valuable files and the built-in RAID 1 mirroring technology protects these files from drive failure. You can also use this device to stream digital media to UPnP AV compatible network media players.

ROBUST SOFTWARE INCLUDED

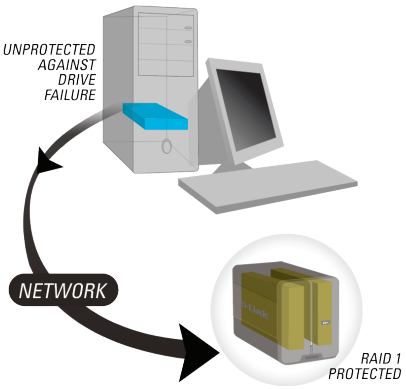
The included CD contains D-Link's Easy Search Utility. This utility allows you to easily locate the DNS-321 anywhere on the network. Once it is located, use the utility to map the hard drive(s) so they will appear in My Computer on your PC. Backup software is also included on the CD. This will allow the back up of valuable files from a computer to the DNS-321 manually, per a schedule or in real-time. Real-time backups are a great way to safeguard against unfortunate accidents that may result in the loss of precious files.

YOUR NETWORK SETUP



MIRRORING HARD DRIVES WITH RAID 1 TECHNOLOGY

Backing up to a regular hard drive offers a basic level of protection. But what if that hard drive fails? Using the DNS-323 with two internal SATA drives and RAID 1 technology, users can mirror between the two drives (i.e. duplicate data on both drives), ensuring maximum protection of valuable data. If one drive fails, the other continues to function as a single drive until the failed drive is replaced.



TECHNICAL SPECIFICATIONS

STANDARDS
+ IEEE 802.3
+ IEEE 802.3ab
+ IEEE 802.3u
+ TCP/IP
+ CIFS/SMB
+ DHCP Server/Client
+ DDNS
+ NTP
+ FTP
+ HTTP/HTTPS

SUPPORTED HARD DRIVE TYPE
+ SATA – Any Capacity
+ 3.5" Internal

PORT
+ 1 10/100/1000 Gigabit Ethernet Port
+ Power

LEDs
+ Power
+ LAN
+ HDD 1
+ HDD 2

DRIVE MANAGEMENT
+ Multiple Hard Drive Configurations: RAID 0, RAID 1, JBoD, Standard
+ User/Group Quota management

DEVICE MANAGEMENT
+ Internet Explorer v6 or other Java-enabled browser
+ Easy Search Utility
+ E-Mail Alerts
+ Power Management

FILE SHARING
+ Max. User Account: 64 users
+ Max. Group: 10 groups
+ Max. Shared Folder: Unlimited
+ Max. Con-current Connection: 64 (Samba) / 10 (FTP)

POWER SUPPLY
+ External Power Supply
+ DC 12V/3A and 5V/3A Switching

POWER CONSUMPTION
+ Normal mode: 29.67W
+ Sleep mode: 4.67W

TEMPERATURE
+ Operating: 0˚ - 55˚ C (32˚ - 131˚ F)
+ Storage: -20˚ - 70˚ C (-4˚ - 158˚ F)

OPERATING HUMIDITY
+ 5% ~ 90% (Non-condensing)

DIMENSIONS
+ Item (W x D x H) 105 x 196 x 130 mm (4.1" x 7.7" x 5.1")
+ Packaging (W x D x H) 278 x 208 x 184 mm (8.2" x 10.9" x 7.2")

WEIGHT
+ Item: 1.4kg (3.1lbs)
+ Packaging: 2.6kg (5.8lbs)

MULTILINGUAL SUPPORT
+ Samba: Unicode
+ FTP Client: Croatian, Cyrillic (Kyrgyz Republic), Czech, Danish, Dutch, English, Finnish, French, German, Greek, Hungarian, Italian, Norwegian, Polish, Portuguese, Romanian, Russian, Simplified Chinese, Slovenian, Spanish, Swedish, Traditional Chinese

[1] Hard drive(s) not included. An internal SATA drive is required to store or share files. RAID 1 mirroring requires the use of two (2) internal sata drives. To avoid data incompatibility in RAID 1 operation, use SATA drives from the same manufacturer. Formatted drive capacity for RAID 1 operation is dependant on the drive capacity of the lowest-sized drive. May not work with older generation SATA drives. For a list of SATA drives that have been tested to work with the DNS-321, visit D-Link support web sites.

[2] Note that use of an FTP Server to access files over the Internet does not provide for secure or encrypted transmissions. It is recommended that the enduser utilize a Virtual Private Network (VPN) to establish a secure FTP session.

[3] Speed results will vary depending on the benchmark utility, hard drive configuration, and the network environment used for testing.

[4] D-Link cannot guarantee full compatibility or proper playback with all codecs. Playback capability depends on the codec support of the UPnP AV media player.

Product specifictions are subject to change without prior notice.

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STORAGE