HIGH PERFORMANCE
FASTER
READ/WRITE SPEEDS
GIGABIT CONNECTIVITY

BitTorrent™
CERTIFIED

2-BAY SATA NETWORK STORAGE ENCLOSURE

ADD SATA DRIVES WITH EASE
Insert up to two internal 3.5-inch SATA hard drives by simply sliding them in - no tools or cables needed

BACK UP AND PROTECT FILES
Protect your important files by using RAID 1 technology to automatically copy data onto both hard drives[1]

BUILT-IN BITTORRENT™ CLIENT
Download files without having to turn on your computer

SAFELY SHARE DIGITAL FILES LOCALLY AND OVER THE INTERNET
The DNS-323 2-Bay SATA Network Storage Enclosure, when used with internal SATA drives*, enables users to share documents, files, and digital media such as music, photos, and video with everyone on a home or office network. Remotely accessing files through the Internet is also possible with the built-in secure FTP/SSL server. Whether allowing access locally or over the Internet, keep data safe by only giving rights to specific users or groups and assigning them to folders with either read or read/write permissions. This is ideal for an office environment with employee-specific sensitive data or for the home, where children's access can be restricted to only age-appropriate materials.

STREAM DIGITAL MEDIA CONTENT WITH BUILT IN MEDIA SERVER
After backing up your digital media files to the DNS-323 for safekeeping, enjoy the benefits of the built-in UPnP AV media server as you stream digital content to compatible media players such as the PlayStation®3, Microsoft® Xbox 360™, and D-Link's MediaLounge product line[2]. This feature is highly convenient as it allows you to turn off a computer that would normally be needed for the same function.

DOWNLOAD AND MANAGE YOUR TORRENTS
The DNS-323 features a built-in, officially licensed BitTorrent™ client that lets you download files without even switching on a computer. Users can configure their torrents, port settings, bandwidth management and seeding options in the web-based manager. Adding torrents to your download list is easy; simply upload the torrent or enter its web address and you're ready to go.

PROTECTION, PERFORMANCE, AND FLEXIBILITY
The availability of four different hard drive modes (Standard, JBOD, RAID 0, RAID 1) allows users to choose the configuration best suited to their needs. Standard mode creates two separately accessible hard drives. JBOD combines both drives to create a single, easy to use volume. RAID 0 combines both drives in a "striped" configuration, which provides the highest performance, enabling speeds up to 184Mbps-read and 120Mbps-write when using a Gigabit Ethernet connection. RAID 1 creates a copy of your data on both drives, 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-323 to return to its full level of protection.
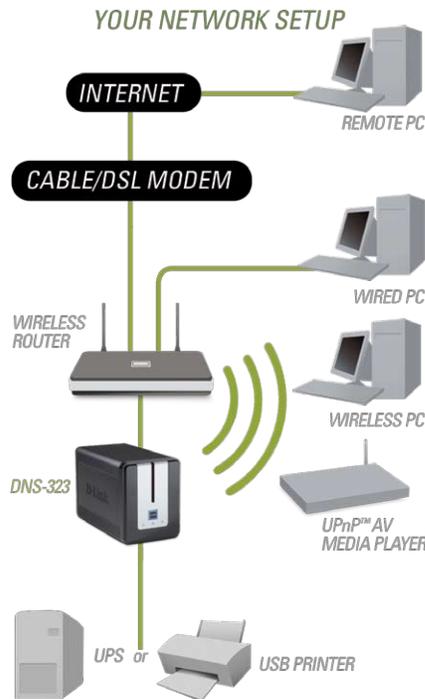
* SATA drives are not included with the DNS-323 and must be purchased separately.

dlinkgreen

DNS-323
STORAGE

WHAT THIS PRODUCT DOES

The DNS-323 2-Bay SATA Network Storage Enclosure, when used with internal SATA drives, enables homes and offices to share documents, music, photos, and videos across the network and on the Internet so family members, friends, or employees can access them. This enclosure also allows for the creation of a central network point for backing up valuable files and the built-in RAID 1 mirroring technology protects these files from drive failure. This device can be used to stream music, photos, and videos to UPnP AV compatible network media players. [2]

ROBUST SOFTWARE INCLUDED

The included CD contains D-Link's Easy Search Utility, which allows users to locate the DNS-323 anywhere on the network. Once located, they can use the utility to map the hard drive(s) so they will appear in "My Computer" on their PC. Backup software is also included on the CD, allowing the backup of valuable files from a computer to the DNS-323 manually, according to 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.
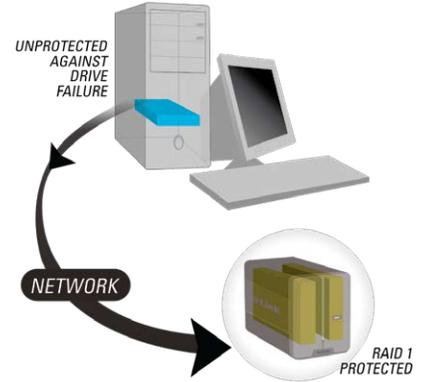
YOUR NETWORK SETUP

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 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.

D-LINK GREEN™

For consumers interested in reducing their energy costs and helping to save the environment, D-Link Green™ products provide eco-friendly alternatives without compromising performance. This device uses hard drive power management and Smart Fan speed control to not only reduce energy costs and noise but also to prolong the lifespan of your hard drives.

DNS-323

UNPROTECTED AGAINST DRIVE FAILURE

NETWORK

RAID 1 PROTECTED

TECHNICAL SPECIFICATIONS

STANDARDS
+ IEEE 802.3
+ IEEE 802.3ab
+ IEEE 802.3u
+ TCP/IP
+ CIFS/SMB
+ Jumbo Frames
+ LLTD
+ UPnP AV
+ DHCP Server/Client
+ DDNS
+ NTP
+ FTP
+ FTP over SSL/TLS
+ HTTP/HTTPS
+ PNP -X
+ USB 2.0

SUPPORTED HARD DRIVE TYPE
+ 3.5" Internal SATA (Maximum HDD Capacity: 1.5TB for each drive) [3]

PORTS
+ 10/100/1000 Gigabit Ethernet Port
+ 1 USB 2.0 Port
+ Power

LEDS
+ Power
+ HDD 1
+ LAN
+ HDD 2

DRIVE MANAGEMENT
+ Multiple Hard Drive Configurations: Standard, JBoD, RAID 0, RAID 1
+ User/Group Quota management
+ RAID Migration support (from Non-RAID to RAID 1)

DEVICE MANAGEMENT
+ Internet Explorer v6 or other Java-enabled browser
+ Easy Search Utility
+ E-Mail Alerts
+ Power Management
+ Smart Fan speed control
+ UPS Monitoring

FILE SHARING
+ Max. User Accounts: 64
+ Max. Groups: 10
+ Max. Shared Folders: Without BT: 45 / With BT: 10
+ Max. Concurrent Connections: Samba: 64 / FTP: 10

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

POWER CONSUMPTION
+ Normal mode: 21.04W
+ Sleep mode: 10.45W

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: Unicode, Croatian, Cyrillic (Kyrgyz Republic), Czech, Danish, Dutch, English, Finnish, French, German, Greek, Hungarian, Italian, Korean, Norwegian, Polish, Portuguese, Romanian, Russian, Simplified Chinese, Slovenian, Spanish, Swedish, Traditional Chinese, Turkish

[1] Hard drives not included. 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-323, visit D-Link support websites.

[2] 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.

[3] Maximum HDD capacity supported may increase in future depending on advances in SATA technology.

STORAGE

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