

Includes
2TB
of storage
(Two 1TB SATA Drives)



Add additional drives
for extra storage!

When referring to hard drive capacity, one gigabyte, or GB, equals one billion bytes and one terabyte, or TB, equals one trillion bytes. Your computer's operating system may use a different standard of measurement and report a lower capacity. In addition, some of the listed capacity is used for formatting and other functions and thus will not be available for data storage.



2TB 4-BAY NETWORK STORAGE

Includes 2TB¹ of storage for
your music, photos and files

Room to grow, add an additional 2 drives,
for up to 4 drives worth of storage

Protect important files with RAID 1
or RAID 5 data redundancy¹

The D-Link® 2TB 4-Bay Network Storage (DNS-343-2TB) is the perfect way to store, safeguard, and share your documents, music, videos, and photos with anyone in your network.

2TB OF STORAGE WITH EXTRA ROOM TO GROW

The DNS-343-2TB comes with two 1TB SATA hard drives¹ - plenty of space to store up to 640,000 digital photos, 33,320 hours of digital music, or 500 two-hour DVD-quality movies². The DNS-343-2TB is expandable and has room for two additional 3.5" hard drives¹ to support your growing storage needs. Adding a drive is a breeze with the D-Link tool-less design.

PROTECTION, PERFORMANCE AND FLEXIBILITY

By supporting RAID 0, 1, 5, and JBOD, the DNS-343-2TB gives you a variety of data protection options to help avoid data loss due to hard drive failure. RAID 0 combines all drives in a 'striped' configuration, splitting data evenly across the hard drives to provide the highest performance. RAID 1 causes two drives to mirror each other, providing maximum protection. If there are four drives present, you can set up two separate RAID 1 partitions. If one drive fails, the unaffected drive in the partition will continue to operate normally. Once you replace the failed drive, RAID 1 mirroring will resume and both drives will mirror each other again. RAID 5 offers a combination of high performance and reliable data recovery while optimizing drive capacity usage. RAID 5 technology uses a clever algorithm to distribute data over 3 or 4 hard drives and, in the case of a hard drive failure, the DNS-343-2TB will continue to function with your data intact.

SIMPLIFIED MANAGEMENT

The included backup software allows you to set schedules and rules including real-time full or incremental backups and storage quotas for specific users and groups. The software also allows you to automatically back up data onto the DNS-343-2TB, creating a failsafe protection solution from accidental data loss on your PC. The 2TB 4-Bay Network Storage features an OLED screen to display important information including IP address, hard drive statistics, temperature, RAID status, and server status (FTP and UPnP™).

PRINT SERVER AND UPS MONITORING

The DNS-343-2TB includes print server functionality – just connect a USB printer to share it within your network. This eliminates the need for a dedicated computer to host a shared printer. The USB port can also be used by a compatible Universal Power Supply (UPS) that supports "smart" signaling over a USB connection. With this feature enabled, UPS status can be displayed on the DNS-343-2TB's OLED screen. Furthermore, if a power outage were to occur, the compatible UPS can safely shutdown the DNS-343-2TB before power is completely lost. When power is restored, the UPS would then automatically power up³ the DNS-343-2TB.

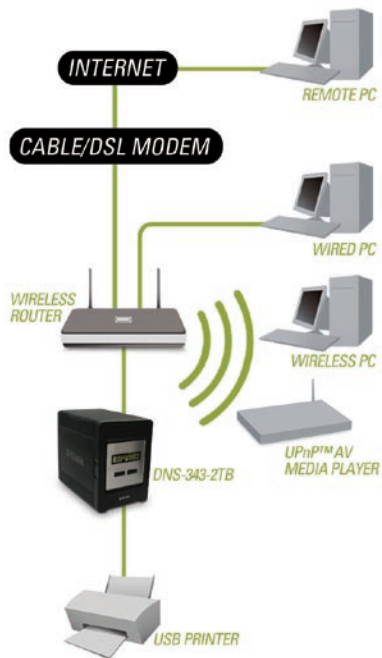
FTP AND UPnP MEDIA SERVER

For convenience, the DNS-343-2TB includes a built-in FTP server⁴ to access files over the Internet, allowing you to download or upload files when travelling. It also has a UPnP™ Media server⁵ to stream digital content to compatible media players, which effectively eliminates the need to power up a dedicated PC media server.

THE PERFECT SOLUTION

Equipped with five different modes of RAID technology, Jumbo Frame support of up to 9000 bytes⁶, Gigabit connectivity, an OLED screen that displays vital storage information, a management program that allows you to easily set rules and schedules, and a variety of built-in servers, the 2TB 4-Bay Network Storage (DNS-343-2TB) with its sleek design and quiet cooling fans, is a secure, expandable and reliable, high-performance, cost-effective solution perfect for your home or small business.

YOUR NETWORK SETUP



STORAGE

STANDARDS

- + IEEE 802.3 10Base-T Ethernet
- + IEEE 802.3u 100Base-TX Fast Ethernet
- + IEEE 802.3ab 1000Base-T Gigabit Ethernet

SUPPORTED HARD DRIVE TYPE

3.5" Internal SATA Drive

PORTS

- + 1 Gigabit Ethernet Port
- + 1 USB Port (for Print Server/UPS Monitoring function)

DRIVE MANAGEMENT

- + 5 Different Hard Drive Configuration
- + E-mail Alerts
- + Drive Quotas
- + Power Management

DEVICE MANAGEMENT

Java-Enabled Web Browser (Internet Explorer v6.0 or later, Safari, Firefox, Opera, etc)

OLED DISPLAY SCREEN

- + Device Name
- + IP Address
- + Firmware Version
- + Temperature
- + UPnP™ Status (On/Off)
- + Formatting Percentage
- + FTP Server Status (Started/Stopped)

TECHNICAL SPECIFICATIONS

CERTIFICATIONS

FCC Class B, CE, VCCI, CSA

POWER SUPPLY

DC 19V, 7.89A

OPERATING TEMPERATURE

32°F to 104°F (0°C to 40°C)

OPERATING HUMIDITY

90% Maximum (Non-condensing)

DIMENSIONS (WxDxH)

- + Item: 5.1" x 7.9" x 7.2" (129.5 x 200.7 x 182.9 mm)
- + Packaging: 12.4" x 10.5" x 11.2" (315 x 266.7 x 284.5 mm)

WEIGHT

- + Item: 9.1 lbs (4.1 grams)
- + Packaging: 13 lbs (5.9 grams)

WARRANTY

1 Year-Limited⁹

- Two 1TB 3.5" SATA hard drives included. When referring to hard drive capacity, one gigabyte, or GB equals one billion bytes and one terabyte or TB, equals one trillion bytes. Your computer's operating system may use a different standard of measurement and report a lower capacity. In addition, some of the listed capacity is used for formatting and other functions and thus will not be available for data storage. The internal SATA drives must be formatted before use. RAID 1 mirroring requires a minimum of two (2) 3.5" SATA drives. RAID 5 requires a minimum of three (3) 3.5" SATA drives. To avoid data incompatibility in RAID 1 or RAID 5 operation, use SATA drives from the same manufacturer. Formatted drive capacity for RAID 1 and RAID 5 operation is dependent 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-343-2TB, visit www.support.dlink.com.
- Examples of the number of photos, songs, videos and any other files that can be stored on a hard drive are provided for illustrative purposes only. Your results will vary based on file size and format, settings, features, software and other factors.
- Power up function works with firmware v1.02 or above. Latest firmware available at <http://support.dlink.com>
- Unless additional precautions are taken, use of an FTP Server to access files over the Internet does not provide for secure or encrypted transmissions. It is recommended that the end-user utilize a Virtual Private Network (VPN) to establish a secure FTP session.
- 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 Frames. Jumbo Frames performance may be affected when used in 10/100 Fast Ethernet mode
- Latest software and documentation available at <http://support.dlink.com>.
- Computer must adhere to Microsoft's recommended System Requirements. Please contact Microsoft for details.
- 1-Year Limited Warranty available only in the USA and Canada.

All references to speed are for comparison purposes only. Product specifications, size and shape are subject to change without notice, and actual product appearance may differ from that depicted on the package. See inside package for warranty details.

MINIMUM SYSTEM REQUIREMENTS

- + 1GHz Processor
- + 512MB RAM
- + 200MB of Available Hard Disk Space
- + Microsoft Windows® XP, or Windows Vista®
- + CD-ROM to View Product Documentation⁷ and Install Software

For Storage:

- + SATA Hard Drive(s)¹
 - RAID 1 requires a minimum of two (2) 3.5" SATA drives
 - RAID 5 requires a minimum of three (3) 3.5" SATA drives

PACKAGE CONTENTS

- + 2TB 4-Bay Network Storage
- + Power Adapter
- + Ethernet Cable
- + Installation Guide
- + CD-ROM⁷ with:
 - Software
 - Product Documentation

D-Link Systems, Inc. 17595 Mt. Herrmann Street, Fountain Valley, CA 92708
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