

Interfaces

- Four SATA II hard disk drives (Supports 3 TB+ HDD)
- Two Gigabit Ethernet ports
- Five USB 2.0 ports

Networking/Storage Features

- CHAP
- iSCSI
- DDNS
- NFS
- AFP
- SNMP
- HTTP/HTTPS
- SSH
- IPv6
- LUN Mapping
- Snapshots
- iSCSI virtual disk drive expansion

RAID Management

- Supports RAID 0, 1, 5, 6, 10, and JBOD
- Predictable Data Migration (PDM)
- Supports hot-swapping
- Supports auto and manual rebuilding
- Performs redundancy checking

Backup Features

- Remote backup
- Local backup
- Client backup
- Cloud storage backup
- One Touch backup

Power Management Features

- MAID 2.0 technology to conserve energy by automatic power off
- 80 PLUS-certified for high power efficiency
- S.M.A.R.T. for hard disk health scanning
- Auto power recovery
- Scheduled power on/off

Security Features

- System Firewall
- Volume Encryption
- IP Block
- Connection Monitor

1U 4-bay Rackmount SMB NAS/ iSCSI Unified Storage



Small and medium businesses face an ever-increasing need for data consolidation and document sharing. D-Link's DNS-1550-04 1U 4-bay Rackmount SMB NAS/iSCSI Unified Storage is a unified solution for these growing data storage requirements, and provides a multitude of options for managing and securing important files.

Unified Storage Solution

The DNS-1550-04 is a unified solution that provides iSCSI and NAS functionalities including MPIO and LUN-masking. It boasts strong iSCSI write performance whose average is higher than many competing products. It also provides versatile RAID support. It features 4 Serial ATA (SATA) disk drive bays that support hard drives in RAID level 0, 1, 5, 6, 10, or JBOD configurations. Additionally, S.M.A.R.T. disk diagnostics help to ensure data integrity with strict monitoring of attached hard drives. Any hard drive problems that are detected can be dealt with by Predictable Data Migration (PDM) which moves data from an affected drive to a healthy drive to ensure data is not lost.

Green Features Save Energy

The DNS-1550-04 has Massive Array of Idle Disks (MAID 2.0) technology which enables significant power savings. It does this by automatically switching off disk drives that are not in active use. The DNS-1550-04 is also 80 PLUS certified. 80 PLUS certification is granted to products that have more than 80% energy efficiency at certain levels of rated load. This enables the DNS-1550-04 to run more efficiently by using less electricity, allowing it to run cooler and with reduced operating costs.

Variety of Backup Options

The DNS-1550-04 offers a comprehensive range of backup options which allow administrators and users to control how, when, and where their data is stored. Use the rear USB ports to back up folders from NAS to a flash drive or the front USB port to back up to the NAS. Users can also take a volume snapshot, back up to Amazon S3 cloud storage, or remotely back up to a server by using an rsync backup utility. Many third-party backup solutions like Acronis Backup & Recovery are also supported.

Share Printers and USB Storage

USB connectivity provides the option to connect a printer to the DNS-1550-04 and utilize it as a print server, or connect devices such as hard drives and flash storage to share on your network.

Convenient Graphical User Interface

The user interface is clean, intuitive, and professional, which dramatically increases usability. Information and functions are easily seen and found in a clear interface which users will be able to manage without requiring special IT knowledge.



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Technical Specifications		
Hardware	Networking	802.3ad, DHCP, TCP/IP, iSCSI, HTTP/HTTPS, IPv6, SSH, SMB/CIFS, NFS, FTP, SNMP
	Supported Hard Drive Type	SATA II HDD
	Form Factor	1U Rack
	Processor	Intel Atom D525 Dual-Core 1.8 GHz
	RAM	2 GB
	Ports	<ul style="list-style-type: none"> ▪ 5 x USB 2.0 (1 in front, 4 in the back) ▪ 2 x GbE (Wake-on-LAN support)
System Management	Drive Management	<ul style="list-style-type: none"> ▪ Multiple Hard Drive Configurations: RAID 0/1/5/6/10, JBOD ▪ SMART ▪ MAID 2.0
	Device Management	<ul style="list-style-type: none"> ▪ Power Management ▪ Online Capacity Expansion ▪ Web File Manager ▪ E-mail Alert ▪ Resource Monitor ▪ System Configuration Export/Import
	Active Directory Support	<ul style="list-style-type: none"> ▪ Windows Active Directory ▪ Open LDAP
	O/S Support	<ul style="list-style-type: none"> ▪ Windows ▪ Mac ▪ Linux ▪ Unix
	Browser Support	<ul style="list-style-type: none"> ▪ Internet Explorer 7 or higher ▪ Firefox 3.6 or higher ▪ Safari 5.0 or higher ▪ Google Chrome
	Multi-language Support	English, French, German, Italian, Japanese, Korean, Simplified Chinese, Traditional Chinese, Russian, Spanish
	Multimedia Applications	<ul style="list-style-type: none"> ▪ SqueezeCenter ▪ iTunes Server ▪ Firefly ▪ UPnP Server
File Sharing	Maximum User Accounts	4096 (Samba)
	Maximum Groups	512 (Samba)
	Maximum Shared Folders	512
	Maximum Concurrent Connections	256
Power Supply	Power	226 watts redundant power (80 PLUS certified)
	Input Voltage	100-240 V (AC)
	Input Frequency	50-60 Hz
	Input Current	1.5-3.5 A
General	Operating Temperature	5 to 35 °C (41 to 95 °F)
	Humidity	10% to 85% non-condensing
	Weight	7.4 kg (16.3 lbs)
	Dimensions	429 x 442 x 44 mm (16.9 x 17.4 x 1.7 inches)
	Certifications	BSMI, C-Tick, CE, FCC, UL, VCCI



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