



DNS-1550-04

ShareCenter™ Pro 1550

ShareCenter™ 

Product Highlights:

Interfaces

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

Networking/Storage Features

- Virtual disks
- Thin-provisioning
- iSCSI
- DDNS
- Snapshots
- Up to 64 iSCSI targets
- AFP
- SNMP
- HTTP/HTTPS
- SSH
- IPv6
- LUN Mapping
- NFS
- CHAP
- Link aggregation
- Fail-over/Fail-back
- Print server
- iSCSI virtual disk drive expansion

Security Features

- AES Support
- FTP / FXP w/TLS/SSL
- ADS Support
- Volume encryption for data confidentiality
- System Firewall
- IP Block
- Connection Monitor

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
- External backup
- PC client to NAS backup
- Web File Manager
- Client backup
- Cloud storage backup
- One Touch backup
- Easy access to stored data either locally or via the internet

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. (Self-Monitoring, Analysis and Reporting Technology) for hard disk health scanning
- Auto power recovery
- Hard disk hibernation
- Scheduled power on/off

D-Link's DNS-1550-04 is a 4-bay, 19" rackmount unified storage solution that enables users to safely share and back-up mission critical data. This NAS/iSCSI storage solution includes advanced features usually only found in higher-end devices: Snapshots, replication and data encryption are all included, with no need to purchase additional licenses.

The DNS-1550-04 also includes an intuitive user interface to ensure it can be quickly installed, and easily managed, even by users with limited IT experience.

NAS File Server

Businesses will appreciate the NAS file server in the DNS-1550-04 which takes full advantage of the accelerated performance provided by iSCSI. The web file manager provides access to files stored on the NAS to users with the appropriate credentials.

A Variety of Backup Options

The DNS-1550-04 offers several backup options which allow administrators and users to control how, when, and where their data is stored. Share files across the network or over the Internet via FTP or access them via the easy-to-use web file manager. Remote back-up enables users to keep a copy of their files on a remote NAS for a disaster recovery solution, providing extra data protection, and volume snapshots can restore a whole volume in a matter of minutes; in contrast to traditional backup schemes that can take hours. Users can also take a volume snapshot, backup 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.

iSCSI for IP Networks

iSCSI offers exceptionally fast access performance thanks to block-level data transfer. iSCSI targets appear as a local drive on a client PC.

Operations such as configuration, provisioning, and backup can be handled by the administrator in the same way they would be for directly attached storage. By utilising existing Ethernet technology, resulting in easier management, the total cost of ownership of storage can be greatly reduced.

Advanced Security

Account management features include the ability to manage users/groups and Read/Write permissions. Create users, groups, and iSCSI targets with password authentication.

Share Printers and USB Storage

USB connectivity provides the option to establish a printer server, monitor a UPS, or connect USB devices such as hard drives and flash storage.

RAID for Efficiency and Redundancy

The DNS-1550-04 features 4 Serial ATA (SATA) disk drive bays supporting RAID level 0, 1, 10, 5, 6 or JBOD configurations. Administrators can quickly deploy a network storage solution using inexpensive SATA disk drives, and depending on storage needs, can add more drives as they go. Additionally, S.M.A.R.T. disk diagnostics help to ensure data integrity. 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 at a cooler temperature and with reduced operating costs.

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If the worst should happen to your network you need the very best support and fast. Downtime costs your business money. D-Link Assist maximises your uptime by solving technical problems quickly and effectively. Our highly-trained technicians are on standby around the clock, ensuring that award-winning support is only a phone call away.

With a choice of three affordable service offerings covering all D-Link business products, you can select the package that suits you best:

D-Link Assist Gold - for comprehensive 24-hour support

D-Link Assist Gold is perfect for mission-critical environments where maximum uptime is a high priority. It guarantees four hour around-the-clock response. Cover applies 24/7 for every day of the year including holidays.

D-Link Assist Silver - for prompt same-day assistance

D-Link Assist Silver is designed for 'high availability' businesses that require rapid response within regular working hours. It provides a four hour response service Monday to Friday from 8am to 5pm, excluding holidays.

D-Link Assist Bronze - for guaranteed response on the next business day

D-Link Assist Bronze is a highly cost-effective support solution for less critical environments. Response is guaranteed within eight business hours Monday to Friday from 8am to 5pm, excluding holidays.

D-Link Assist can be purchased together with any D-Link business product. So whether you're buying switching, wireless, storage, security or IP Surveillance equipment from D-Link, your peace of mind is guaranteed. D-Link Assist also offers installation and configuration services to get your new hardware working quickly and correctly.

Technical Specifications

Networking

- IEEE 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

Processor

- Intel Atom D525 Dual-Core 1.8 GHz

RAM

- 2GB

Ports

- 5 x USB 2.0 (1 in front, 4 in the back)
- 2 x GbE (Wake-on-LAN support)

Device Management

- Power Management
- Online capacity expansion
- Web File Manager
- E-Mail Alerts
- Resource monitor
- System configuration Export/Import

Active Directory Support

- Windows Active Directory
- Open LDAP

O/S Support

- Windows
- Mac
- Linux
- Unix

Browser Support

- Internet Explorer 7 or higher
- Firefox 3.6 or higher
- Safari 5.0 or higher
- Google Chrome

Multi-language File Name Support

- English, French, German, Italian, Japanese, Korean, Simplified Chinese, Traditional Chinese, Russian, Spanish

Multimedia applications

- SqueezeCenter
- iTunes Server
- Firefly
- UPnP Server

File Sharing

- Max. User Account: 4096 (Samba)
- Max. Group: 512 (Samba)
- Max. Shared Folder: 512
- Max concurrent connections: 256

Power Supply

- 226 Watts redundant power (80 PLUS certified)
- Input voltage: 100 to 240 V AC, 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
- 429 x 442 x 44 mm
- Certifications: BSMI, C-Tick, CE, FCC, UK, VCCI



For further information: www.dlink.eu



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