

Product Highlights

Flexible Storage Options

Features a combination of storage options such as NAS, iSCSI SAN & Cloud Storage with easy rack mount installation

Enterprise Friendly Manageability

Thin provisioning and compression provides more efficient use of network storage while saving customers money

Reliable data storage system

The DNS-1560-04 features a ZFS file system that is capable of storing high volumes of data as well as protection against data corruption



DNS-1560-04

ShareCenter™ Pro 4-Bay 1U Rackmount Unified Storage

Features

Storage

- 4 easy-to-load hard drive bays accept 3.5" or 2.5" SATA drive
- Multiple RAID types for a wide range of storage options (JBOD, RAID 0, 1, 5, 6,10)
- Amazon S3 cloud replication & disaster recovery

Enterprise Storage Options

- Multiple protocols: SMB, NFS, AFP, FTP, WebDAV & iSCSI
- ZFS-based file system to offer high reliability
- Thin provisioning to enable dynamic capacity allocation
- Integrated anti-virus with 3-year McAfee license included

Performance

- Faster, more powerful hardware and add-on software features provide a more streamlined
- 2 X 226W redundant power supply

Green Design

- Auto disk spin down
- Energy efficient power supply

Small and medium sized businesses face an ever-increasing need for data consolidation and sharing. D-Link's DNS-1560-04 is a unified solution for these growing data storage requirements, and provides a multitude of options for managing and securing important files. The ShareCenter™ Pro 4-Bay 1U Rackmount Unified Storage enables users to safely share and back-up mission critical data. This NAS/iSCSI storage solution includes advanced features such as ZFS file system, thin provisioning, compression, snapshots and replication usually found only in higher-end devices, with no need to purchase additional licenses. The DNS-1560-04 also includes an intuitive user interface to ensure it can be quickly installed, and easily managed, even by users with limited IT experience.

Unified Storage Solution

The DNS-1560-04 is a unified solution that provides iSCSI and NAS functionalities. It boasts strong iSCSI read/write performance with average data throughput is higher than many competing products. It also provides versatile RAID support meaning you never run the risk of losing valuable data. It features 4 Serial ATA (SATA) disk drive bays that support hard drives in RAID level 0, 1, 5, 6, 10, or JBOD configurations. DNS-1560-04 supports multiple protocols including SMB, NFS, AFP, FTP, WebDAV as well as iSCSI. This combination delivers storage solutions with great performance, manageability and efficiency

Variety of Backup Options

The DNS-1560-04 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.

Efficiency and Redundancy

The DNS-1560-04 features thin provisioning allocating disk storage space in a flexible manner based on the minimum space required. It also addresses the explosion of unstructured data and files, where reads/writes are random, by treating random writes as sequential blocks.

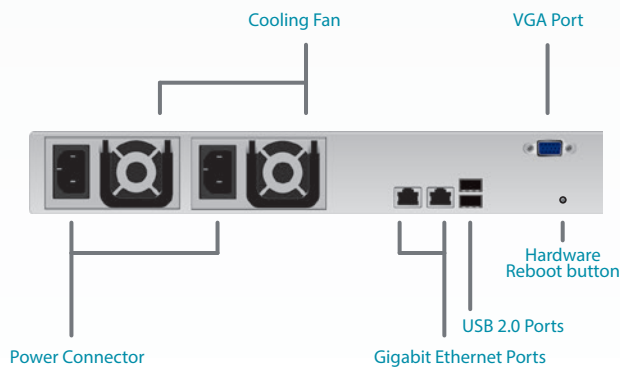
Furthermore, the 4 Serial ATA (SATA) disk drive bays supports RAID level 0, 1, 10, 5, 6 or JBOD configurations. Administrators can quickly deploy a network storage solution using inexpensive SATA disk drives, and depending on storage needs, can add more drives as they go. Additionally, S.M.A.R.T. disk diagnostics help to ensure data integrity.

Energy Efficient

The DNS-1560-04 is 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-1560-04 to run more efficiently by using less electricity, allowing it to run cooler and with reduced operating costs.

Manageability

The DNS-1560-04 has an intuitive web user interface, which dramatically increases usability for enterprise users, making it easy to setup, configure and manage. It also integrates Windows Active Directory and LDAP for IT administrators to easily manage accounts in enterprise environments.



D-Link Assist

Rapid Response Support

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.

ShareCenter™ Pro 4-Bay 1U Rackmount Unified Storage

Technical Specifications

General

Supported Hard Drive Types	• Up to 4 SATA II / SATA III HDD or SSD	
Memory	• 4GB	
Processor	• Intel® Atom™ D2550	
Fan	• 2 x system fan	
Ports	• Two 10/100/1000 Gigabit Ethernet ports • VGA port	• Two USB 2.0 Host ports • 2 x Power
LEDs	• Status • Access	• GbE Activity • GbE Connection/Speed
Form Factor	• 1U 4-Bay	

Functionality

Disk Management	<ul style="list-style-type: none"> • Multiple hard drive configurations: <ul style="list-style-type: none"> • Standard • JBOD • RAID 0, 1, 5, 6, 10 • Data Efficiency <ul style="list-style-type: none"> • Compression • Thin provisioning 	<ul style="list-style-type: none"> • Hard drive pooling • Dedicated hot spare disks • Multiple RAID groups support • Auto volume rebuilding • Online pool expansion • Offline pool roaming
Networking	<ul style="list-style-type: none"> • DHCP or static IP address assignment • NTP client • Jumbo frame • Trunking 	<ul style="list-style-type: none"> • LACP • VLAN tagging • WINS client
Data Service	<ul style="list-style-type: none"> • SMB v2 for Windows • NFS v3/v4 for Linux & UNIX • AFP v3.3 for Mac OS X • FTP 	<ul style="list-style-type: none"> • SFTP • iSCSI target • WebDAV
Data Protection	<ul style="list-style-type: none"> • Snapshot • Clone for volumes & file system • Remote replication 	<ul style="list-style-type: none"> • Amazon S3 cloud replication & disaster recovery • ZFS file system
Account Management	<ul style="list-style-type: none"> • User account management • Group account management • Network access management 	<ul style="list-style-type: none"> • Microsoft Active Directory • LDAP
Network Management	<ul style="list-style-type: none"> • Event notification <ul style="list-style-type: none"> • Email • SNMP trap • Syslog 	<ul style="list-style-type: none"> • Performance states • System monitoring & Device health status • S.M.A.R.T. • Wake-on-LAN
Backup Management	<ul style="list-style-type: none"> • Scheduled local backups • Scheduled remote backup 	<ul style="list-style-type: none"> • Amazon S3 Cloud backup
Device Management	<ul style="list-style-type: none"> • Browser UI: <ul style="list-style-type: none"> • Internet Explorer 7 or higher • Mozilla Firefox 3 or higher • Apple Safari 4 or higher • System Setup Wizard (Win / Mac) • System Service Management • Wake-on-LAN 	<ul style="list-style-type: none"> • E-mail notifications • SNMP trap • System log • Performance status • System monitoring & Device health status • S.M.A.R.T.
Power Management	• Redundant power supply	
Remote File Sharing	• FTP server	• WebDAV

ShareCenter™ Pro 4-Bay 1U Rackmount Unified Storage

File Sharing	<ul style="list-style-type: none"> • Max. User accounts: 4096 users • Max. Group accounts: 512 groups • Max. shared folders: 256 folders 	<ul style="list-style-type: none"> • Max. concurrent Samba connections: 512 connections • Max. concurrent FTP connections: 512 connections
Security	<ul style="list-style-type: none"> • Encrypted Access <ul style="list-style-type: none"> • HTTPS • FTP with SSL/TLS (Explicit) • SFTP & SSH (Admin) 	<ul style="list-style-type: none"> • 3-year McAfee anti-virus • CIFS User/Group Access Control for shared folders
Physical		
Dimensions	• 533.4 (L) x 442 (W) x 44 (H) mm (21 x 17.40 x 1.73 inches)	
Weight	• 7.7 kg (3.46 lbs)	
Power	• 226 W Single	
Power Consumption	• Normal Mode: 70 W	
Temperature	• Operating: 0 to 40 °C (32 to 104 °F)	
Humidity	• 0% to 90% non-condensing	
Certifications/Standards	<ul style="list-style-type: none"> • CE • FCC • 80 PLUS 	<ul style="list-style-type: none"> • RoHS • BSMI

¹ Maximum capacity may change as hard drive technology develops.



For more information: www.dlink.com

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