

ShareCenter™

Interfaces

- Four 3.5-inch standard SATA drives with up to 2 TB capacity
- Two Gigabit Ethernet ports
- Two USB 2.0 ports
 - UPS, printer, and external storage support

Networking/Storage Features

- Virtual disks
- Thin-provisioning
- iSCSI
- iSNS
- DDNS
- Snapshots
- Up to 64 iSCSI targets
- SNMP
- NFS
- CHAP
- Link aggregation
- DFS support
- Fail-over/Fail-back
- Print server

Security Features

- VLAN Tag Support
- AES Support
- FTP / FXP w/ TLS/SSL
- ADS Support

Backup Features

- Remote backup
- Local backup
- External backup
- PC client to NAS backup
- Web File Manager
- Scheduled downloads from web or FTP sites

Power Management Features

- Power management to conserve energy and extend hard drive life
 - Schedule power on/off
 - Hard disk hibernation
 - SMART for hard disk health scan

ShareCenter Pro 1100

Small and medium businesses face an ever-increasing need for data consolidation and document sharing. The D-Link DNS-1100-04 ShareCenter Pro 1100 NAS addresses these growing data storage requirements, and provides a multitude of additional options for managing and securing important files.

NAS File Server

SMBs will appreciate the NAS file server 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-1100-04 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. A PC client gives users a straightforward means of copying their data to the server.

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 utilizing existing Ethernet technology, the cost associated with separate host bus adapters and the per-Gigabyte cost for storage can be significantly 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. Additionally, VLAN tag support combined with AES encryption keeps files secure. iSCSI implements a Challenge-Handshake Authentication Protocol (CHAP) to guarantee secure access to the storage system.



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-1100-04 features 4 Serial ATA (SATA) disk drive bays supporting 2 TB hard drives in RAID level 0, 1, 10, 5 or JBOD configurations. Admins 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.

Green Features Save Energy

Green Ethernet provides significant energy-savings by reducing power according to cable length or cutting power to unused ports.

Small and medium businesses looking for a central storage location for sharing or backing up data will appreciate the powerful features provided by the DNS-1100-04 (ShareCenter Pro 1100).



ShareCenter Pro 1100

Technical Specifications

Networking

- IEEE 802.3
- IEEE 802.3ab
- IEEE 802.3u
- TCP/IP
- CIFS/SMB
- iSCSI
- DDNS
- NTP
- FTP/FXP w/TLS/SSL
- NFS
- HTTP/HTTPS
- Jumbo Frames
- SNMP
- SMTP

Supported Hard Drive Type

- SATA – any capacity
- 3.5" Internal

Ports

- 2 x 10/100/1000 Gigabit Ethernet port
- 2 x USB port
- Power

Display

- 128 x 32 OLED display screen

Drive Management

- Multiple Hard Drive Configurations:
RAID 0/1/10/5/JBOD, Standard
- SMART/Scandisk
- User/folder quota management

Device Management

- IE7, Chrome, Firefox
- Real-Time Clock (RTC) support
- Easy Search Utility
- UPS monitoring
- E-Mail alerts
- Power management
- USB hard disk
- USB printer

File Sharing

- Max. User Account: 4096 (Samba)/10000 (ADS)
- Max. Group: 512 (Samba)/10000 (ADS)
- Max. Shared Folder: 1000

Multi-language File Name 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

Power Supply

- External power adapter
- DC 19 V/4.74 A switching

Power Consumption

- Full load: 63.1 W

Temperature

- Operating: 0 to 40 °C (32 to 104 °F)
- Storage: -20 to 70 °C (-4 to 158 °F)

Operating Humidity

- 5% ~ 90% (Non-condensing)

Dimensions (L x W x H)

- 205 x 162 x 257.4 mm
(8.07 x 6.38 x 10.13 inches)

Weight

- Unit: 3.0 kg (6.61 lbs)
- Including package: 4.7 kg (10.36 lbs)

Certifications

- FCC
- CE



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