Features

- Four Hot-Swappable 3.5-inch SATA drive bays
  - -Supports up to 12TB with 3TB drives
- Two Gigabit Ethernet Ports
- Two USB 2.0 Ports
  - - UPS, Printer, and External Storage Support
- RAID Support
  - - 0, 1, 5, 6, JBOD or Standard
- RAID Migration
- Online Capacity Expansion
- Virtual Disk Drive (VDD) Expansion
- SMART for Hard Disk Health Scan

Storage Management/Networking

- iSCSI (Up to 64 iSCSI targets)
- Thin-provisioning
- iSNS
- DDNS
- Snapshots (supports 10 snapshot jobs and 20 snapshots per job)
- SNMP
- CIFS/SMB/Samba
- NFS
- FTP
- FXP w/TLS & SSL
- DFS Support
- Link Aggregation
- Jumbo frame support
- SMTP
- HTTP/HTTPS
- NTP
- ADS Support
- Web File Manager
- E-mail Alerts
- Scheduled Downloads from Web or FTP Sites

Security

- CHAP Authentication
- VLAN Tagging
- AES 256-bit Hardware-based Encrypted Volumes

Backup

- Remote Backup
- Local Backup
- External Backup
- Backup Software Included

Power Management

- Power Management to Conserve Energy and Extend Hard Drive Life
  - - Schedule Power On/Off
  - - Hard Disk Hibernation

business

ShareCenter® Pro 1100 – 4-Bay NAS/iSCSI Unified Network Storage for Small Businesses

Small businesses face an ever increasing need for storage consolidation, document sharing and data backup. D-Link's DNS-1100-04 ShareCenter Pro 1100 Network Storage device addresses these requirements, and provides a multitude of advanced options for managing and securing important files.

NAS File Server

Small Businesses will appreciate the DNS-1100-04 NAS file server which takes advantage of the accelerated performance of the dual-core CPU. Providing up to 7200 MIPS of computing power and 512MB of cache memory, the DNS-1100-04 is able to provide the performance required for your business and its future growth.

Virtual Disk Drive (VDD) expansion

Virtual Disk Drive (VDD) expansion allows the ShareCenter Pro 1100 to attach up to eight external iSCSI storage targets found on the local network, and use them as virtual disks for additional storage volumes.

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 which provides password authenticated access to files stored on the NAS.

iSCSI for IP Networks

iSCSI offers fast access performance thanks to block-level data transfer. iSCSI targets appear as a local drive on a client PC or host server. Operations such as configuration, provisioning, and backup can be handled by the administrator in the same way they would be for direct-attached storage (DAS).

By utilizing existing Ethernet technology, the cost associated with separate host bus adapters and the per-Gigabyte cost for storage can be significantly reduced when compared versus the Fibre-Channel alternative.

Advanced Security

Account management features include the ability to manage users & groups and their read/write permissions, create users, groups, and iSCSI targets with password authentication. Additionally, VLAN tagging support combined with AES encryption keeps files secure. The DNS-1100-04 implements CHAP authentication, system firewall and IP blocking to guarantee secure access to the storage system.

Share Printers and USB Storage

USB connectivity provides the option to use the DNS-1100-04 as a print server, for UPS monitoring or to connect USB devices such as hard drives and flash storage.

RAID for Efficiency and Redundancy

The DNS-1100-04 features four Serial ATA (SATA) disk drive bays supporting 3TB hard drives in RAID level 0, 1, 5, 6, JBOD or Standard mode configurations. Administrators can quickly deploy a network storage solution using inexpensive SATA disk drives. Additionally, S.M.A.R.T. disk diagnostics help to ensure data integrity by anticipating failures and repairing sector errors.

Green Features Save Energy

Green Ethernet provides significant energy savings by reducing power according to cable length or cutting power to unused ports. Small businesses looking for a central storage location for file sharing or backing up data will appreciate the cost savings provided by the ShareCenter Pro 1100.

D-Link®

Technical Specifications

System Features

Networking	• IEEE 802.3 • IEEE 802.3ab • IEEE 802.3u • TCP/IP	• CIFS/SMB • NFS • iSCSI • DDNS	• NTP • FTP / FXP w/ TLS/SSL • HTTP/HTTPS • Jumbo Frames	• SNMP • SMTP
Supported Hard Drive Type	• Four Hot-Swappable 3.5-inch SATA drives - Supports up to 12TB with 3TB drives			
Ports	• 2 x 10/100/1000 Gigabit Ethernet Ports • 2 x USB 2.0 Ports for UPS, printer and external storage			
Processor	• Dual Core CPU			
RAM	• 512MB			

System Management

Display	• 128 x 32 OLED display screen	
Drive Management	• Multiple Hard Drive Configurations: - RAID 0/1/5/6/JBOD/Standard Mode	• SMART Disk Diagnostics
Device Management	• Easy Search Utility • Real-Time Clock (RTC) support • E-Mail Alerts • Power Management	• RAID Migration • Online Capacity Expansion • USB hard disk • User/folder quota management
O/S Support	• Windows • Mac	• Linux • Unix
Browser Support	• Internet Explorer 7 or higher • Firefox 3.5 or higher • Google Chrome	
File Sharing	• Max. User Account: 4096 (Samba) / 10000 (ADS) • Max. Groups: 512 (Samba) / 10000 (ADS)	• Max. Shared Folders: 1000 • Max. Concurrent Connections: 256
Snapshots	• Up to 10 snapshot jobs and 20 snapshots per job	

Multi-language 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	

Physical & Environment

Power Supply	• External power adapter • 220 watts	• With PFC (power factor correction) function
Input Voltage:	• 100-240 VAC (auto-switching)	
Input Frequency:	• 50-60 Hz	
Power Consumption	• Normal mode: 55 Watts	• Sleep mode: 25.2 Watts
Operating Temperature:	• 41° to 95°F (5° to 35°C)	
Operating Humidity:	• 5% to 90% non-condensing	
Weight	• 6.61 lbs (3.00 kg)	
Dimensions:	• 8.07 x 6.38 x 10.13 inches (205 x 162 x 257 mm)	
Certifications	• FCC, CE	

D-Link®

Warranty and Service Information

Warranty	• 5-Year Limited
Extended Warranty	• Available (See ordering information below)

Ordering Information

Part Number	Description
DNS-1100-04	• ShareCenter® Pro 1100
DNS-1100-04-LW	• Extended Warranty for DNS-1100-04

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.
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