

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

**Storage Management/
Networking**

- Virtual Disk Drive (VDD) Expansion
- Thin-provisioning
- iSCSI (Up to 64 iSCSI targets)
- iSNS
- DDNS
- Snapshots (Up to 20 per system)
- SNMP
- CIFS/SMB
- NFS
- Link Aggregation
- DFS Support
- Jumbo Frame Support
- SMTP
- HTTP/HTTPS
- NTP
- FTP
- ADS Support
- Web File Manager
- E-mail Alerts
- Scheduled downloads from web or FTP sites.

Security

- Encrypted Volumes
- VLAN Tagging Support
- AES Support
- FXP w/ TLS & SSL

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
 - SMART for Hard Disk Health Scan

**ShareCenter® Pro 1100 – Network Storage for Small Business**

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 performance of the dual-core CPU. Providing up to 7200 MIPS of computing power and 512MB of cache memory, the DSN-1100-04 is able to provide the storage throughput required for your business and its future growth.

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 the iSCSI targets with password authentication. Additionally, VLAN tagging support combined with AES encryption keeps files secure. The DNS-1100-04 implements CHAP authentication 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 if necessary moving data to another available drive.

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.

Technical Specifications

System Features

| | | | | |
|---------------------------|---|--|--|------------------|
| 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 port • 2 x USB port | • Power | | |
| Processor | • Dual Core CPU | | | |
| RAM | • 1GB DDR2 800 SDRAM | | | |
| 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 |

System Management

| | | | | |
|----------------------------------|--|---|--|--|
| Display | • 128 x 32 OLED display screen | | | |
| Drive Management | • Multiple Hard Drive Configurations: RAID 0/1/5/6/JBOD/Standard Mode | • 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 | | |
| Snapshots | • Max. 10 per volume (Max. 20 per system) | | | |
| 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 | | |

Physical & Environment

| | | |
|------------------------|---|---|
| Power Supply | • External power adapter • 200 W | • 100-240 V AC (auto-switching)/50-60 Hz • With PFC (power factor correction) function |
| Power Consumption | • Normal mode: 55 W | • Sleep mode: 25.2 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) | • 8.07" x 6.38" x 10.13" (205 x 162 x 257 mm) | |
| Weight | • 6.61 lbs (3.00 kg) | |
| Certifications | • FCC, CE | |

Warranty and Service Information

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

Ordering Information

| <i>Part Number</i> | <i>Description</i> |
|--------------------|-------------------------------------|
| 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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business

For more information

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