

Interfaces

- Five 3.5-inch standard SATA drive bays for drives up to 3 TB
- Two Gigabit Ethernet ports
- Two USB 2.0 ports
 - for connection to a UPS, printer, or external storage device

Networking/Storage Features

- NFS
- iSCSI for up to 64 targets
- DFS support
- DDNS
- SNMP
- Link aggregation
- Fail-over/Fail-back
- Virtual disks
- Thin-provisioning
- iSNS
- CHAP
- Snapshots
- 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
 - Scheduled power on/off
 - Hard drive hibernation
 - SMART for hard disk health scans

ShareCenter Pro 1200



Small and medium businesses face an ever-increasing need for data consolidation and document sharing. The D-Link DNS-1200-05 ShareCenter Pro 1200 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 a user-friendly remote access to files stored on the NAS to users with the appropriate credentials.

A Variety of Backup Options

The DNS-1200-05 offers several backup options which allow administrators and users to control how, when, and where their data is stored. They can share and backup files across the network, over the Internet via FTP, or through the easy-to-use web file manager. A standard PC client allows users a straightforward means of backing up 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 Challenge-Handshake Authentication Protocol (CHAP) to guarantee secure access to the storage system.

Share Printers and USB Storage

There are two USB 2.0 ports on the device which allows users to connect devices such as printer servers, hard drives or flash storage, or a UPS. When a printer server is connected, it can share printer access to anyone that has access to the NAS, making it more convenient to access across a home or office network. Users can transfer and backup files by connecting a USB external hard drive or flash storage device. In addition, users can monitor the battery levels of a UPS using the NAS. If the UPS indicates that its battery level is low, the NAS will then proceed to stop all I/O processing and enter standby mode where it will remain until power levels are restored.

RAID for Efficiency and Redundancy

The DNS-1200-05 features five Serial ATA (SATA) disk drive bays that support 3 TB hard drives in RAID level 0, 1, 5, 5+Spare, 6, or JBOD configurations. Admins can quickly deploy a network storage solution using inexpensive SATA disk drives, and can add drives over time to satisfy growing storage needs. Additionally, S.M.A.R.T. disk diagnostics help to ensure data integrity and can provide advance warning of drive failure.

Green Features Save Energy

Green Ethernet provides significant energy-savings by reducing power according to cable length or cutting power to unused ports. The Smart Fan feature will change the speed of the fans depending on the temperature inside the chassis (higher temperature-faster fan speed, lower temperature-slower fan speed). The device also features Hard Drive Hibernation where after a prolonged period of idle time, the drive(s) will go to sleep. All of these features are significant in allowing the device to save energy automatically without sacrificing performance.



ShareCenter Pro 1200

Technical Specifications

Networking <ul style="list-style-type: none">▪ IEEE 802.3▪ IEEE 802.3ab▪ IEEE 802.3u▪ TCP/IP▪ CIFS/SMB▪ iSCSI▪ DDNS▪ NTP▪ FTP / FXP w/ TLS/SSL▪ NFS▪ DFS▪ HTTP/HTTPS▪ Jumbo Frames▪ SNMP▪ SMTP	Display <ul style="list-style-type: none">▪ 128 x 32 OLED Display Screen Drive Management <ul style="list-style-type: none">▪ Multiple Hard Drive Configurations: RAID 0/1/5/5+spare/6, JBOD, Standard▪ SMART/Scandisk▪ User/Folder Quota management Device Management <ul style="list-style-type: none">▪ IE7, Chrome, Firefox▪ Easy Search Utility▪ UPS Monitoring▪ E-Mail Alerts▪ Power Management▪ USB hard disk File Sharing <ul style="list-style-type: none">▪ Max. User Accounts: 4096 (Samba) / 10000 (ADS)▪ Max. Groups: 512 (Samba) / 10000 (ADS)▪ Max. Shared Folders: 1000	Multi-language File Name Support <ul style="list-style-type: none">▪ Samba:<ul style="list-style-type: none">- Unicode▪ FTP Client:<ul style="list-style-type: none">- 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 <ul style="list-style-type: none">▪ Internal supply▪ 200 W▪ 100 to 240 V AC (auto-switching) / 50 to 60 Hz▪ With PFC (power factor correction) function Power Consumption <ul style="list-style-type: none">▪ Normal mode: 55 W▪ Sleep mode: 25.2 W	Temperature <ul style="list-style-type: none">▪ Operating: 0 to 40 °C (32 to 104 °F)▪ Storage: -20 to 70 °C (-4 to 158 °F) Operating Humidity <ul style="list-style-type: none">▪ 5% to 90% (Non-condensing) Dimensions (L x W x H) <ul style="list-style-type: none">▪ Item: 273 x 167 x 260 mm (10.7 x 6.6 x 10.2 inches)▪ Packaging: 270 x 320 x 260 mm (10.6 x 12.6 x 10.2 inches) Weight <ul style="list-style-type: none">▪ Item: 5.97 kgs (13.13 lbs)▪ Packaging: 7.47 kgs (16.4 lbs) Certifications <ul style="list-style-type: none">▪ FCC▪ CE▪ D-Link Green
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¹ May change as hard drive capacities increase



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Release 01 (August 2011)