ShareCenter™

Interfaces
- Four 3.5-inch standard SATA drives
- 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
- SMART for hard disk health monitoring

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
  - Power saving by cable length
  - Power saving by link status
  - Hard disk hibernation
  - Smart Fan

ShareCenter Pro 1100

Small and medium businesses face an ever-increasing need for data consolidation and document sharing. The 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 four Serial ATA (SATA) disk drive bays with support for RAID level 0, 1, 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.

Green Features Save Energy
Green Ethernet provides significant energy-savings by reducing power according to cable length or cutting power to unused ports. The DNS-1100-04 can put hard drives in hibernation to save energy when not in use, and can wake the drives up when access is needed. The built-in Smart Fan turns on only when needed, and changes speeds automatically to keep the NAS cool as efficiently as possible.

ShareCenter Pro 1100

Technical Specifications

Device Interfaces
- Four 3.5" internal SATA bays
- Two 10/100/1000 Gigabit Ethernet ports
- Two USB 2.0 ports
- Power

Supported Hard Drives
- 3.5" SATA, any capacity

Display
- 128 x 32 OLED display screen

Drive Management
- Multiple Hard Drive Configurations: RAID 0/1/5/6/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 storage drive
- USB printer

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

File Sharing
- Max. User Accounts: 4096 (Samba)/10000 (ADS)
- Max. Groups: 512 (Samba)/10000 (ADS)
- Max. Shared Folders: 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

Smart Fan
- Multiple operating modes: Auto Off/Low/High, Auto Low/High, Manual

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% to 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)
- Unit with packaging: 4.7 kg (10.36 lbs)

Certifications
- FCC
- CE