Cube Station CS407

High-speed 4-bay SATA NAS Server with Advanced Data Protection and Windows ADS Authentication for Small Businesses and Corporations

Key Features

- RAID 0/1/5 Support
- Cool & Quiet Design
- Power Saving (13W ~ 51W)
- Windows ADS Support
- IP Camera Video Recording
- AJAX-based Management Interface
- Encrypted Network Backup
- Encrypted FTP with Hack Prevention
- Remote File Management with a Web Browser
- Website Hosting with PHP+MySQL
- Total Backup Solutions

SPEEDY & FLEXIBLE

CS407 provides speedy data transmission and powerful computing capability, which is not only suitable for corporate environments that demand on efficiency, but also a great choice for power users who massively access data on the server.

WORK WITH WINDOWS ADS

CS407 is compatible with Windows ADS domain. Windows domain users are able to access data shared from CS407 when they pass the Active Directory authentication. This will greatly save your time on creating large amount of accounts for the domain users.

FLEXIBLE STORAGE MANAGEMENT

CS407 allows you to create RAID 0, RAID 1, or RAID 5 volume on it. For budget-sensitive users, CS407 has the flexibility to assemble smaller hard drives first, and expand RAID 1 or RAID 5 volume by replacing existing hard drives with larger ones one by one when the budget is allowed.

When the hard drives on CS407 are full, you can expand more storage simply by attaching an external hard drive to the USB port of CS407.

SECURITY ENHANCEMENTS

- Encrypted FTP allows you to transmit data using "FTP over SSL" or "FTP over TLS" option.
- HTTPS support encrypts all HTTP connections with SSL transport mechanism.
- Encrypted Network Backup ensures Network Backup is done with encrypted data transmission.
- You no longer need to worry about critical data being exposed in danger.

SHARE FILES BETWEEN WINDOWS AND MAC

CS407 is designed for Windows users and Mac users to share files seamlessly. Windows users can access CS407 via Samba and FTP, and Mac users via Samba, FTP, and AFP. Unicode support allows sharing files smoothly in different languages.

Even more, File Station is a great way for you to remotely access and manage files stored on CS407. Simply use a web browser to connect to CS407, and you'll have total control over the files. With File Station, moving files among shared folders will now be only seconds away!

IP CAMERA VIDEO RECORDING

When connecting IP cameras to the network and recording the videos to the CS407, Surveillance Station provides you an economical network video recording solution. On Surveillance Station , you can watch the camera-monitored area on a real-time basis, and also view and manage the recorded video clips. Feel free to choose either the continuous or motion-detection recording mode that best fits your need.

BUILD UP DYNAMIC WEBSITE

Web Station runs Apache web server that allows you to publish website with only few steps. With pre-installed PHP+MySQL, you are free to install popular blog or bulletin board programs on CS407. No advanced IT knowledge is required to build up your community.

TOTAL BACKUP SOLUTIONS

Data backup is so important but people tend to ignore it, CS407 makes data backup so complete and automatic that backups are always done without your attention. You can always find the backup alternatives that fit your needs.

- Network Backup is designed for you to back up data from CS407 to another Synology product that also supports Network Backup function or rsync-compatible server.
- Local Backup allows you to back up data from CS407 to external hard drive attached to CS407 via the USB port.
- Desktop Backup simplifies desktop backup with Synology Data Replicator 3. PC users will enjoy the easy-to-use backup tool to back up important data automatically.

COOL AND QUIET

Inside the stylish and elegant cube, the superb ventilation airflow and quiet fan operation make CS407 perfectly fit into any corner of your office.

OTHER FEATURES

- Audio Station • Download Station • Multimedia Service
- iTunes Server • Photo Station 3 • USB Printer Sharing

Data Sheet
CS407

CONNECTIONS & BUTTONS

POWER

LED

FAN

LAN

USB 2.0

AC Input

Technical Specifications

Hardware
- CPU Clock Rate: 500 MHz
- RAM Size: 128MB
- Internal HDD: 3.5" SATA(II) X4
- External HDD Interface: USB 2.0 port X2
- Size: 230mm X 168mm X 184mm
- Weight: 2.23kg
- LAN: Gigabit X1
- Fan: X1(80mmX80mm)
- Power Recovery
- AC Input Power Voltage: 100V to 240V
- Power Frequency: 50Hz to 60Hz, Single Phase
- Max Capacity (Internal HDD): 4 TB
- Max Supported IP Camera #: 5
- Operating Temperature: 5°C to 35°C (40°F to 95°F)
- Storage Temperature: -10°C to 70°C (15°F to 155°F)
- Relative Humidity: 5% to 95%RH
- Maximum Operating Altitude: 10,000 feet

Power Consumption(1)
- 42.6W(Access); 13.4W(Hibernation)

Certification
- FCC Class B, CE Class B, BSMI Class B, VCCI Class B

Networking Protocols
- CIFS
- AFP (3.1)
- FTP

Windows ADS Domain Integration
- ADS Support
- Domain users login via Samba/AFP/FTP
- Synology Data Replicator 3 for Domain Users

Security
- "FTP over SSL (explicit)" or "FTP over TLS (explicit)"
- Encrypted Network Backup
- HTTPS Connection
- FTP Auto-Block

File System
- EXT3
- FAT (External Disk Only)
- NTFS (External Disk Read Only)

File Sharing
- Max User Accounts: 2,048
- Max Groups: 256
- Max Shared Folder: 200
- Max Concurrent Connections: 128

Utilities
- Synology Assistant
- Synology Data Replicator 3
- Synology Download Redirector
- Add printer wizard

Applications
- Surveillance Station
- Photo Station 3
- File Station
- Audio Station
- Web Station
- PHP/MySQL
- Download Station
- iTunes Server

UPnP Multimedia Service Support
- Audio Format: AAC, M4A, MP3, Ogg Vorbis, WAV, WMA, WMA VBR, WMA PRO, WMA Lossless
- Video Format: ASF, AVI, DAT, DivX, MP4, MPEG1, MPEG2, MPEG4, VOB, WMV, XviD
- Image Format: BMP, JPG (jpe, jpeg), GIF, ICO, PNG, PSD, TIF (tiff), UFO
- Playlist Format: WPL, M3U

iTunes Server Support
- Audio Format: MP3, M4A, M4P
- Playlist Format: M3U, WPL

Audio Station Support
- Audio Format: AAC, M4A, MP3, Ogg Vorbis, WMA, WMA VBR
- Playlist Format: M3U, WPL
- Internet Radio: SHOUTcast, Radioio

Photo Station 3 Support
- Video Format: ASF, AVI, MPEG1, MPEG4, WMV, XviD, DivX, DAT(2), MP4(2), MPEG2(2), RM(2), RMVB(2), VOB(2)
- Image Format: BMP, JPG (jpe, jpeg), GIF

Management
- AJAX-based Management UI
- Download Station Bandwidth control
- Download Station Port Range Setup
- Editable HTTP Error Page
- Email Alert Message
- Email Notification for New User
- External HDD Hibernation (USB)
- Firmware Upgrade
- FTP passive port range
- Hide-able Shared Folder
- Internal HDD Hibernation
- Movable Shared Folder
- Port range for BitTorrent
- Removable Default Shared Folder
- System Temperature
- Ez-Internet
- PPPoE

- UPS Management (Over USB 2.0)
- User Quota
- Web-based Download Station

RAID Management
- Volume Type: Basic, RAID 0, RAID 1, RAID 5
- Upgrade from Basic to RAID 1
- Expand RAID 1 or RAID 5 with Larger Hard Drives
- Volume Auto-rebuild after abnormal power failure
- Expand RAID 5 by Adding a Hard Drive On The Fly

Backup Solutions
- Network Backup
- Local Backup
- Desktop Backup (using Synology Data Replicator 3)

3rd-Party Backup Support
- Acronis True Image
- Symantec Backup Exec
- EMC Retrospect
- LaCie SilverKeeper

Supported Clients
- Windows 2000 onward
- Mac OS X 10.3 onward

Printer Support(3)
- Max Printer #: 1
- Supported Protocols: LPR, CIFS, AppleTalk

Languages
- English, German, French, Italian, Spanish, Danish, Norwegian, Swedish, Dutch, Russian, Japanese, Korean, Traditional Chinese, Simplified Chinese.

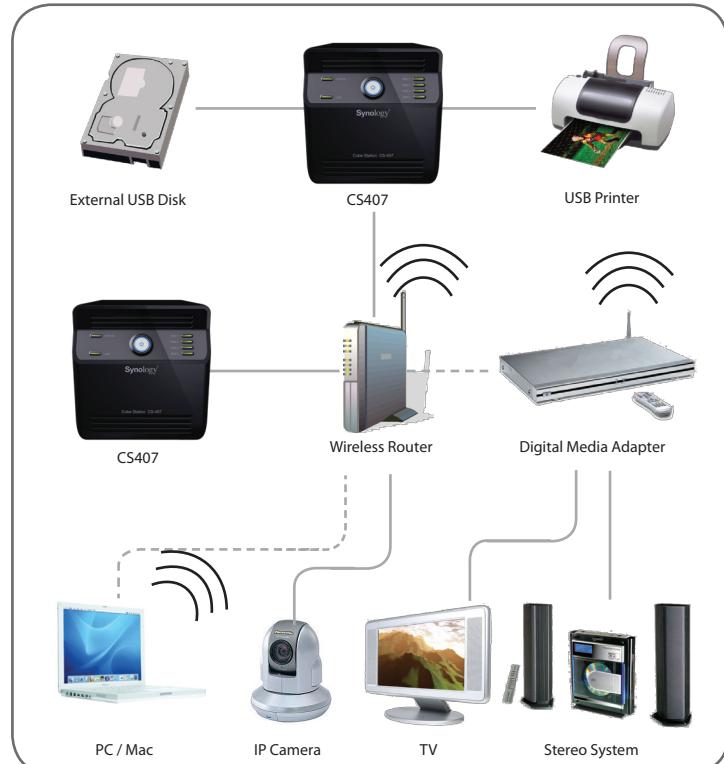**Environment**
- RoHS Compliant

Package Content
- CS407 Main Unit
- Installation CD
- Welcome Note
- Assembling Kit
- AC Power Adapter
- AC Power Cord
- 2M RJ-45 LAN Cable
- SATA Hard Drive Power Cable X4
- SATA Hard Drive Data Cable X4

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(1) Measured with 4 Seagate 750GB ST3750640NS hard drives. The figures could vary on different environments.
(2) User can click and download the file, but not play it in Photo Station as compressed Flash video.
(3) For Mac users, CS407 supports PostScript USB printers only.

Networking

External USB Disk

CS407

USB Printer

CS407

Wireless Router

Digital Media Adapter

PC / Mac

IP Camera

TV

Stereo System

SYNOLOGY INC.

Synology Inc, founded in April of 2000, is dedicated to bringing a NEW NAS experience to the public. It aims to provide people with an easy-to-use, feature-rich, energy efficient, and affordable way of storing and sharing digital content. Synology products are designed with resource savings in mind - energy efficient, small footprint, and environmentally friendly. Users' investments are protected with free software upgrades and 24/7 online support. This makes Synology products an ideal choice for users from the Home, Small Workgroup, Small Business, and Corporate settings.

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