



# Cube Station CS407e

Cost-effective 4-bay SATA NAS Server with Advanced Data Protection for Home and Small Workgroups

## Key Features

- RAID 0/1/5/6+Spare/6 Support
- Cool & Quiet Design
- Power Saving (17W ~ 53W)
- AJAX-based Management Interface
- IP Camera Video Recording
- Remote File Management with a Web Browser
- BitTorrent/eMule/FTP/HTTP/NZB Download without PC
- Website Hosting with PHP+MySQL
- FTP with Bandwidth Control and Hack Prevention
- Total Backup Solutions

**With terabyte competency, CS407e is the answer to storing files for entertainment, sharing files over Internet, hosting websites, sharing USB printer, and backing up desktop data. With RAID 1/5/6 protection, CS407e can further serve those who store important data on it.**

### Flexible Storage Management

CS407e allows you to create RAID 0, RAID 1, RAID 5, or RAID 6 volume on it. Its flexible storage management allows you to upgrade from Basic to RAID 1, or to assemble with smaller hard drives first, and later on expand the RAID 1, RAID 5, or RAID 6 volume by replacing the existing hard drives with larger ones when budget is allowed. Moreover, you can also expand the RAID 5 and RAID 6 volume by adding a hard drive on the fly.

When the hard drives on CS407e are full, you can expand the storage capacity simply by attaching an external hard drive to the USB port of CS407e.

### Home Entertainment in a Box

CS407e allows you to assemble 4 SATA hard drives, and it integrates many fascinating features that enrich your home entertainment.

- Download Station 2 turns CS407e into a 24/7 download center. You only need to drag BitTorrent/HTTP/FTP links to Synology Download Redirector, and the files will be transferred to CS407e without your PC being turned on. The web-based Download Manager can further assist you to manage download tasks remotely with a web browser.
- Multimedia Service allows you to play photos, music, and video with an UPnP-enabled Digital Media Adapter on TV or audio set.
- iTunes Server support lets users on the network directly play music files stored on CS407e without having to download them to the desktop.
- Audio Station provides an easy way for you to organize music stored on CS407e and Internet radio stations into playlists, or play your iPod music. By using the Synology Remote, you can remotely control and enjoy the music with connected USB speakers. The directional-free RF signal design allows you to control music freely. Now play the music from anywhere!
- Photo Station 3 gives you the freedom to share photos and video clips over Internet without complicated upload steps. Album control ensures you always share photos/videos to the right persons. Visitors can even leave comments on your photos/videos, and you will be notified with an email for each comment. In addition to sharing your photos, you can create and share your own blog.
- Synology Disk Station is designed for data storage and sharing among Windows, Mac, and Linux. Seamless file sharing across different operation systems is an effortless process.
- Synology File Station 2 offers an innovative user interface with drag-n-drop and right-click capability allowing users not familiar with FTP to easily access files with a web browser.
- Synology Disk Station supports two USB printers simultaneously, and the Add Printer Wizard simplifies setup process with a wizard.

### Total Backup Solutions

Inside the stylish and elegant cube, the superb ventilation airflow and quiet fan operation make CS407e perfectly fit into any corner of your office.

- Network Backup is designed for you to back up data from CS407e to another Synology product that also supports Network Backup function or rsync-compatible server.
- Local Backup allows you to back up data from CS407e to external hard drive attached to CS407e via the USB port.
- Desktop Backup simplifies desktop backup with 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 good ventilation airflow and quiet fan operation make CS407e perfectly fit into any corner of your office.

### Other Features

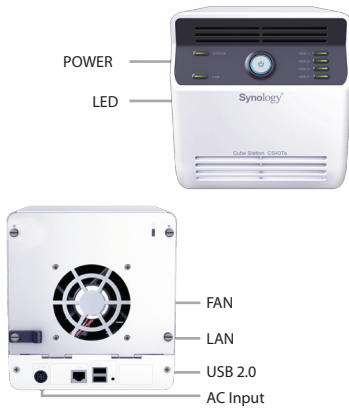
- Surveillance Station 2
- Windows ADS Support
- Encrypted FTP Support
- HTTPS Support
- Encrypted Network Backup

### Protect our Earth

All Synology products are designed with the concept of energy savings in mind. Compared with PC server products, Synology products consume relatively far less power than their PC counterparts. It not only saves your money, but also saves The Earth.

All Synology products are produced with RoHS compliant parts and packed with recyclable packing materials. Synology recognizes its responsibility as a global citizen and is continually working to reduce the environmental impact of the products we create.

## CONNECTIONS & BUTTONS



## Technical Specifications

### Hardware

- CPU: 266MHz, 64bit@133, with floating point
- Memory: 64MB
- Internal HDD<sup>(1)</sup>: 3.5" SATA(II) X4
- Max Internal Capacity: 8TB (4x 2TB hard drives)<sup>(8)</sup>
- External HDD Interface: USB 2.0 port X2
- Size: 230mm X 168mm X 184mm
- Weight: 2.23kg
- LAN: Gigabit X1
- Fan: X1 (80mmX80mm)
- Noise Level<sup>(2)</sup>: 26dB(A)
- Power Recovery
- AC Input Power Voltage: 100V to 240V
- Power Frequency: 50Hz to 60Hz, Single Phase
- Max Supported IP Camera: 2<sup>(3)</sup>
- 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<sup>(4)</sup>

- 52.8W(Access); 16.9W(Hibernation)

### Certification

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

### Networking Protocols

- CIFS
- AFP (3.1)
- FTP
- NFS
- Telnet/SSH

### 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)"
- FTP Auto-Block
- Encrypted Network Backup
- Encrypted rsync
- HTTPS Connection

### File System

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

### File Sharing

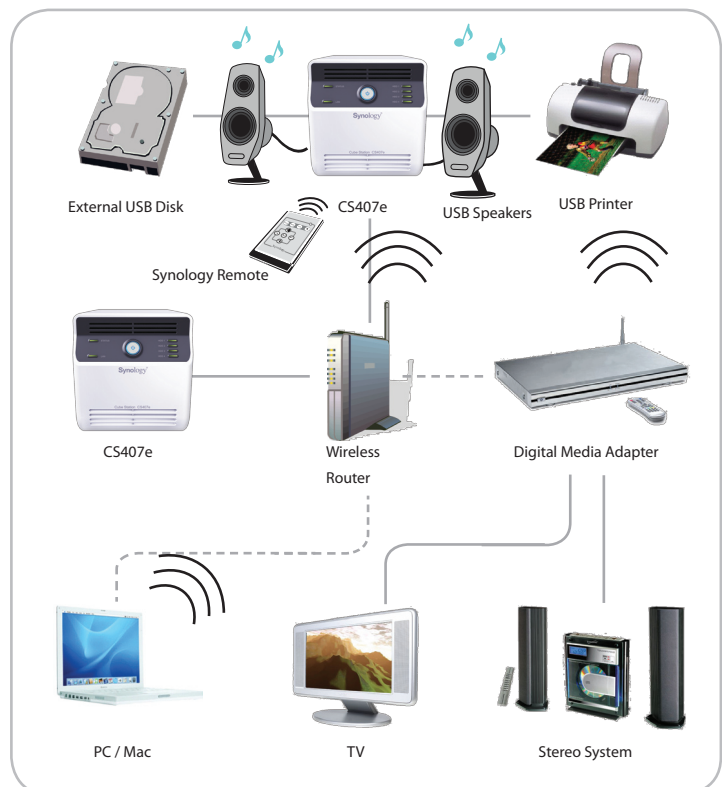
- Max User Accounts: 2,048
- Max Groups: 256
- Max Shared Folder: 200
- Max Concurrent Connections(SAMBA, FTP, AFP): 128

### Utilities

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

### Applications

## Networking



- Surveillance Station 2
- Photo Station 3
- File Station 2
- Audio Station
- Web Station
- PHP/MySQL
- Download Station 2
- iTunes Server

### Packages

- Mail Station
- SqueezeCenter
- Webalizer

### UPnP Multimedia Service Support

- Sony PS3, Microsoft Xbox360
- Audio Format: AAC, FLAC, 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, WAV<sup>(5)</sup>, AIF<sup>(6)</sup>
- Playlist Format: M3U, WPL

### Audio Station Support

- USB Mode: (Audio) AAC, FLAC, M4A, MP3, Ogg Vorbis, WMA, WMA VBR (Playlist) M3U, WPL (Internet Radio) SHOUTcast, Radiolo
- Streaming Mode: (Audio) MP3 (Playlist) M3U, WPL

### Photo Station 3 Support

- Video Format: ASF<sup>(7)</sup>, AVI<sup>(8)</sup>, MPEG1<sup>(9)</sup>, MPEG4<sup>(9)</sup>, WMV<sup>(9)</sup>, xviD<sup>(9)</sup>, DivX<sup>(9)</sup>, FLV, DAT<sup>(9)</sup>, MP4<sup>(9)</sup>, MPEG2<sup>(9)</sup>, RM<sup>(9)</sup>, RMVB<sup>(9)</sup>, VOB<sup>(9)</sup>
- Image Format: BMP, JPG (jpe, jpeg), GIF

### Management

- AJAX-based Management UI
- Sub-folder Privileges Setting
- User Home
- Applications privileges Setting
- BitTorrent Port Range Setup
- BitTorrent DHT Support
- CIFS Recycle Bin
- Download Station Bandwidth control
- Download Station Port Range Setup
- Editable HTTP Error Page
- Email Alert Message
- Email Notification for New User
- Package Management
- External HDD Hibernation (USB)
- Scheduled Power Off
- Firmware Upgrade
- FTP passive port range
- Hide-able Shared Folder
- Internal HDD Hibernation
- Movable Shared Folder
- Removable Default Shared Folder
- System Temperature
- Ez-Internet
- PPPoE
- UPS Management (Over USB 2.0)
- User Quota
- Web-based Download Station 2

### RAID Management

- Volume Type: Basic, JBOD, RAID 0, RAID 1, RAID 5, RAID 5+Spare, RAID 6
- Upgrade from Basic to RAID 1, from Basic to RAID 5, from RAID 1 to RAID 5, from RAID 5 to RAID 5+Spare
- Expand RAID 1, RAID 5, RAID 5+Spare or RAID 6 with Larger Hard Drives
- 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

### Supported Clients

- Windows 2000 onward
- Mac OS X 10.3 onward
- Linux

### Supported Browsers

- Internet Explorer 6, 7
- Firefox 2, 3
- Safari 3 (Mac)

### Printer Support<sup>(6)</sup>

- Max Printer #: 2
- Supported Protocols: LPR, CIFS, AppleTalk

### Languages

- English, German, French, Italian, Spanish, Danish, Norwegian, Swedish, Dutch, Russian, Korean, Polish, Traditional Chinese, Simplified Chinese, Portuguese (Brazil), Portuguese (European), Turkish, and Hungarian

### Environment

- RoHS Compliant

### Package Content

- CS407e 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

- (1) Hard drive not included.  
 (2) FAN only. Measured at 2300~6200RPM, varied among models. More details about dB(A) value, check <http://www.quietnoise.com/facts.htm>  
 (3) Measured with 4 Seagate 750GB ST3750640NS hard drives. The figures could vary on different environments.  
 (4) The music can be streamed, but the metadata (ex: title, album) may not be indexed on the iTunes.  
 (5) User can click and download the file, but not play it in Photo Station as compressed Flash video.  
 (6) For Mac users, CS407e supports PostScript USB printers only.  
 (7) 1 free license to install 1 IP camera. Additional licenses can be purchased to expand the license quota.  
 (8) The actual capacity will differ according to volume types.  
 (9) AC3, AMR, DTS, RV30, RV40, WMA3 codec are not supported.

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## 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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