Synology®

Disk Station DS207

Cost-effective 2-bay SATA NAS server with Advanced Data Protection for Home and Small Workgroups

Key Features

- RAID 0/1 Support
- Cool & Quiet Design
- Power Saving (15W ~ 36W)
- AJAX-based Management Interface
- IP Camera Video Recording
- Internet Photo+Video+Blog Sharing
- BT/FTP/HTTP Download without PC
- Remote File Management with a Web Browser
- Website Hosting with PHP+MySQL Support
- USB Printer Sharing
- Total Backup Solutions

WORK WITH WINDOWS ADS

DS207 is compatible with Windows ADS domain. Windows domain users are able to access data shared from DS207 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

DS207 allows you to create a Basic, RAID 0, or RAID 1 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 volume by replacing the existing hard drives with larger ones when budget is allowed.

When the hard drives on DS207 are full, you can expand the storage capacity simply by attaching an external hard drive to the USB port of DS207.

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

DS207 is designed for Windows users and Mac users to share files seamlessly. Windows users can access DS207 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 DS207. Simply use a web browser to connect to DS207, and you'll have total control over the files. With File Station, moving files among shared folders will now be only seconds away!

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 DS207. 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, DS207 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 DS207 to another Synology product that also supports Network Backup function or rsync-compatible server.
- Local Backup allows you to back up data from DS207 to external hard drive attached to DS207 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.
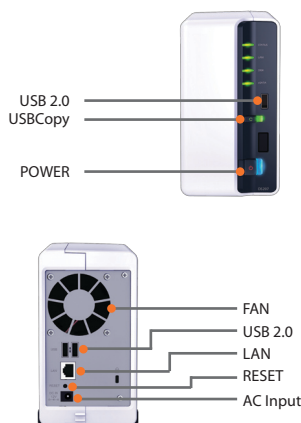
COOL AND QUIET

DS207 has a brand new enclosure design. The elegant white cover, superb ventilation airflow, and quiet fan operation, bring DS207 to a new level of Synology Disk Station series.

OTHER FEATURES

- Surveillance Station • Photo Station 3 • Audio Station • Download Station 2 • Multimedia Service • iTunes Server • USB Printer Sharing

CONNECTIONS & BUTTONS

USB 2.0
USBCopy

POWER

FAN
USB 2.0
LAN
RESET
AC Input

Technical Specifications

Hardware
- CPU Clock Rate: 266 MHz
- RAM Size: 64MB
- Internal HDD: 3.5" SATA(II) X2
- External HDD Interface: USB 2.0 port X3
- Size: 160mm X 218mm X 88mm
- Weight: 0.98kg
- LAN: Gigabit X1
- Fan: X1(60mmX60mm)
- Noise Level:[5] 30.5dB(A)
- Power Recovery
- AC Input Power Voltage: 100V to 240V
- Power Frequency: 50Hz to 60Hz, Single Phase
- Max Capacity (Internal HDD): 2 TB
- Max Supported IP Camera #: 2
- Operating Temperature: 5℃ to 35℃ (40°F to 95°F)
- Storage Temperature: -10℃ to 70℃ (15°F to 155°F)
- Relative Humidity: 5% to 95%RH
- Maximum Operating Altitude: 10,000 feet

Power Consumption(1)
- 36W(Access); 15W(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: 128
- Max Groups: 64
- Max Shared Folder: 100
- Max Concurrent Connections: 32

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 2
- iTunes Server

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[4], AIF[4]
- 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, Radioio
- Streaming Mode: (Audio) MP3 (Playlist) M3U, WPL

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

Management
- AJAX-based Management UI
- 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 (eSATA, USB)
- Scheduled Power On/Off
- Firmware Upgrade
- FTP passive port range
- Hide-able Shared Folder
- Internal HDD Hibernation
- Movable Shared Folder
- Removable Default Shared Folder
- Ez-Internet
- PPPoE
- Telnet/SSH Support
- UPS Management (Over USB 2.0)

- User Quota
- Web-based Download Station

RAID Management
- Volume Type: Basic, RAID 0, RAID 1
- Upgrade from Basic to RAID 1
- Expand RAID 1 with Larger Hard Drives
- Volume Auto-rebuild after abnormal power failure

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

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
- DS207 Main Unit
- Installation CD
- Welcome Note
- Assembling Kit
- AC Power Adapter
- AC Power Cord
- 2M RJ-45 LAN Cable
- SATA Hard Drive Power Cable X2
- SATA Hard Drive Data Cable X2

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(1) Measured with 2 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, DS207 supports PostScript USB printers only.
(4) The music can be streamed, but the metadata (ex:title, album) may not be indexed on the iTunes.
(5) FAN only. Measured at 2300~6200RPM, varied among models. More details about dB(A) value, check http://www.quietnoise.com/facts.htm

Networking

External USB Disk

DS207 USB Speakers

USB Printer

Synology Remote

DS207

Wireless Router

Digital Media Adapter

PC / Mac

TV

Stereo System

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.

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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