



Disk Station DS409slim

2.5" HDD 4-bay SATA NAS Server

Synology Disk Station DS409slim is designed to provide users with a flexible solution to share files and interact with media using green technology. The DS409slim utilizes 2.5" hard drives that make the unit whisper-quiet while maintaining high performance. With the Synology Disk Station Manager 2.1, it delivers an easy-to-use interface and variety of features.

Key Features

- Supports RAID Basic, 0/1/5
- Cool and Quiet
- Energy-Efficient 2.5" HDD Compatible (12W~19W)

Disk Station Manager 2.1 includes:

- AJAX-Based Management Interface
- BT/FTP/HTTP/eMule/NZB Download without PC
- Music Sharing to other iTunes clients over the network
- Music, Internet Radio, and media player play back to USB Speakers
- Internet Photo+Video+Blog Sharing
- Sony PS3® and Microsoft Xbox360® Supported

And more...

Multimedia & Entertainment

Synology Download Station 2 functions as a 24x7, FTP, HTTP, eMule, and NZB download center. The newly-integrated eMule download engine allows search-n-download capability with a web-browser without installing additional desktop applications.

Synology Audio Station supports music, Internet radio stations, and media player playback with connected USB speakers. Web-streaming mode allows music to be shared with over the Internet.

UPnP support allows users to stream multimedia files with a UPnP Digital Media Adapter (DMA) on a stereo system or a TV-set. Sony PS3® and Microsoft Xbox360® are also supported.

iTunes® Server is an easy way to share music to other iTunes® clients over a local network.

Easy Storage & Backup

USBCopy provides a reliable solution to store data. With just one touch of the Copy button, it copies the data on a USB flash device to a pre-defined location on the Synology Disk Station.

Synology Data Replicator 3 allows PC users to back up desktop data to the Synology Disk Station. Immediate, Sync, and Scheduled Backup are fully-supported.

Online Sharing

Synology Photo Station 3 simplifies photo, video, and blog sharing over the Internet. Customized themes and various selections are available for personalization. Cooliris support delivers a dazzling 3D photo browsing effect.

Eco Friendly

Synology Disk Stations are designed and developed with energy efficiency in mind. Compared with its average PC counterparts, Synology Disk Stations consume a relatively low amount of power and hibernate when not in use.

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.

Data Sheet
DS409slim

Technical Specifications

Hardware

- CPU Clock Rate: 1.2 GHz
- RAM Size: 128MB
- Internal HDD⁽¹⁾: 4X 2.5" SATA(II)
- External HDD Interface: 2X USB 2.0 ports, 1X eSATA
- Size: 120mm X 105mm X 142mm
- Weight: .66kg
- LAN: Gigabit X1
- Fan: 1x (60mm X 60mm)
- Noise Level⁽²⁾: 24 dB(A)
- Power Recovery
- AC Input Power Voltage: 100V to 240V
- Power Frequency: 50Hz to 60Hz, Single Phase
- Max HDD Support (Internal HDD): 500GB
- 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⁽³⁾

- 50 W (Access); 14 W (Hibernation)

Certification

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

Networking Protocols

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

Windows ADS Integration

- Supports up to Windows Server 2008
- Domain users login via Samba/AFP/FTP
- Synology Data Replicator 3 for Domain Users

Security

- FTP over SSL/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: 1024
- Max Groups: 128
- Max Shared Folder: 256
- Max Concurrent Connections (SAMBA, FTP, AFP): 64

Utilities

- Synology Assistant
- Synology Data Replicator 3
- Synology Download Redirector

Applications

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

Packages

- Mail Station
- SqueezeCenter

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
- Subtitles: srt, psb, smi, ass, ssa, sub, idx, ifo

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⁽⁵⁾, MP4⁽⁵⁾, MPEG2⁽⁵⁾, RM⁽⁵⁾, RMVB⁽⁵⁾, VOB⁽⁵⁾
- 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 (USB)
- Scheduled Power On/Off
- Firmware Upgrade
- FTP passive port range
- Hide-able Shared Folder
- Internal HDD Hibernation

- Removable Default Shared Folder
- Ez-Internet
- PPPoE
- UPS Management (Over USB 2.0)
- User Quota
- Web-based Download Station

RAID Management

- Volume Type: Basic, JBOD, RAID 0, RAID 1, RAID 5, RAID 5+Spare, RAID 6
- RAID Change: Basic to RAID 1, RAID 1 to RAID 5, RAID 5 to RAID 5+Spare
- Expand with Larger Hard Drives: RAID 1, RAID 5, RAID 5+Spare, RAID 6
- Expand with More Hard Drive: RAID 5 from 3 to 4 HDDs

Backup Solutions

- Network Backup
- Local Backup
- PC Desktop Backup (using Synology Data Replicator 3)
- 3rd-Party Backup Support

Supported Clients

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

Printer Support⁽⁶⁾

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

Languages

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

Environment

- RoHS Compliant

Package Contents

- DS409slim Main Unit
- Installation CD
- Welcome Note
- Assembling Kit
- AC Power Adapter
- AC Power Cord
- 2M RJ-45 LAN Cable

(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 4x 500GB 2.5" 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 3 as compressed Flash video.

(6) For Mac users, DS409slim supports PostScript USB printers only.

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About Synology

Founded in April of 2000, Synology Inc. develops next-generation Network Attached Storage (NAS) servers for the home, small and medium sized business markets. Providing a secure way of storing and sharing digital content, Synology products are stylish, easy-to-use, and energy-efficient. All Synology product investments are enhanced with free software upgrades and 24/7 online support. Headquartered in Taipei, Taiwan, Synology has expanded globally with regional offices in the US (Redmond, Washington) and the UK (London, England).

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