Synology®

Disk Station DS210j
Budget-friendly 2-bay NAS Server for Home and SoHo

Synology Disk Station DS210j is designed to provide a cost-effective file storage and backup solution with RAID protection for home users. The system firmware, Synology Disk Station Manager 2.2, delivers rich features for multimedia streaming, worry-free backup, web-hosting, and energy-saving options.

Key Features

- 4TB Max Capacity
- RAID Protection
- DLNA Certified
- 2.5" HDD Support

- High Speed
- Cool and Quiet

Build Your Entertainment Center

Download Station 2 functions as a 24x7 BitTorrent, FTP, HTTP, eMule, and NZB download center. RapidShare and RSS download are now supported.

DLNA Compliant Media Sever ensures compatibility and interoperability between Disk Station and a wide range of DLNA-certified home devices.

iTunes® Server provides an easy way to share music and videos with other iTunes clients within a local network. You can create playlists with songs that match a specified criteria and iTunes will update these playlists automatically as you add or delete songs.

Audio Station supports several music file types, Internet radio stations, and iPod® playback with connected USB speakers. Web-streaming mode allows your music to be shared with multiple users over the Internet.

Enrich Your Web Presence

Photo Station 3 simplifies photo, video, and blog sharing over the Internet. The flexibility of theme customization, blog layout control, visitor privilege setting, RSS feed, and the dazzling 3-dimensional photo browsing by Cooliris make Photo Station 3 the ideal way to share media over the Internet.

Web Station with built-in PHP+MySQL allows users to publish and host their own websites or install numerous popular open-source programs.

Back Up Your Precious Data

DSM 2.2 offers comprehensive solutions for you to back up data stored on Disk Station or your desktop computer to the Disk Station. USB Copy simplifies USB storage backup with a one-touch design.

Server backup includes two options: Network Backup and Local Backup. Both allow you to back up data in the shared folders and databases. Incremental backup option and flexible schedules are available. All can be easily configured with a step-by-step wizard.

Desktop backup for PC provides Windows® users with the Synology Data Replicator 3 for backing up desktop data, emails and more to their Disk Station by choosing one of the three backup modes: Immediate, Sync, or Scheduled backup, while Mac OS X users can use

Desktop Backup with Apple® Time Machine® backup application to back up their critical data to Disk Station.

USBCopy allows you to quickly back up your data from an USB storage device such as an USB flash or USB card reader to a Disk Station with just one single touch on the front-panel Copy button.

Access With Your iPhone®/Mobile Device

The iPhone App **DS audio** allows Disk Station users to stream music stored on a Disk Station with their iPhone/iPod Touch® where Internet access is available, while **DS photo** allows uploading and interacting with photos from the iPhone/iPod Touch.

Users with a mobile device running on Windows Mobile® 6.0, iPhone OS 2.2.1 onward, or Symbian® OS 9.1 can log on to their Disk Station to view photos with Photo Station 3 and read supported file formats with File Station 2 anywhere Internet access is available.

Synology Protects Our Earth

Synology Disk Stations are designed and developed with energy efficiency in mind. Compared with its average PC couterparts, 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 recognized its responsibility as a global citizen and is continually working to reduce the environmental impact of the products we create.

Data Sheet
DS210j

Technical Specifications

Hardware
• CPU Clock Rate: 800MHz, 16bit@DDR800
• RAM Size: 128 MB
• Internal HDD(1): 2X 3.5" SATA(II) or 2X 2.5" SATA/SSD using Synology 2.5" Disk Holder Type C
• External HDD Interface: 3X USB ports
• Size: 161mm X 88mm X 218mm
• Weight: 0.98kg
• LAN: 1X Gigabit
• Fan: 1X (70mm X 70mm)
• Noise Level(2): 24 dB(A)
• Power Recovery
• AC Input Power Voltage: 100V to 240V
• Power Frequency: 50Hz to 60Hz, Single Phase
• Max Internal Capacity: 4TB (2X 2TB hard drives)
• Max Supported IP Camera #: 5(7)
• 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)
• 25W (Access); 10W (Hibernation)

Certification
• FCC Class B, CE Class B, BSMI 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
• Firewall
• Auto-Block
• "FTP over SSL (explicit)" or "FTP over TLS (explicit)"
• Encrypted Network Backup
• Encrypted rsync
• HTTPS Connection

File System
• EXT3
• FAT (External Disk Only)
• NTFS (External Disk Only)

File Sharing
• Max User Account: 512
• Max Group: 128
• Max Shared Folder: 256
• Max Concurrent Connections (SAMBA, FTP, AFP):64

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

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

iPhone Applications
• DS photo
• DS audio

Packages
• Mail Station
• phpMyAdmin
• SqueezeCenter
• Webalizer

DLNA/UPnP Media Server Support
• DLNA Certified
• Sony PS3, Microsoft Xbox360
• Audio Format: AAC, FLAC, M4A, MP3, Ogg Vorbis, PCM, WAV, WMA, WMA VBR, WMA PRO, WMA Lossless
• Video Format: 3GP, 3G2, ASF, AVI, DAT, DivX, DVR-MS, ISO, M2T, M2TS, M4V, MKV, MP4, MPEG1, MPEG2, MPEG4, MTS, MOV, QT, SWF, TP, TRP, TS, 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)
• Video Format: M4V, MOV, MP4
• 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(8): 3G2, 3GP, ASF, AVI, DAT, DivX, FLV, M4V, MOV, MP4, MPEG, MPG, QT, WMV, XviD, RM(5), RMVB(5), VOB(5)
• 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
• Changing Management UI Ports
• 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
• Movable Shared Folder
• Removable Default Shared Folder
• System Temperature
• Ez-Internet
• PPPoE
• Resource Monitor
• SMS Notification
• SNMP
• UPS Management (Over USB 2.0)
• User Quota
• Web-based Download Station 2

RAID/Storage Management
• Volume Type: Basic, JBOD, RAID 0, RAID 1
• Upgrade from Basic to RAID 1
• Expand RAID 1 with Larger Hard Drives
• iSCSI

Backup Solutions
• Network Backup
• Local Backup
• Desktop Backup (using Synology Data Replicator 3 or Apple Time Machine backup application)
• USBCopy
• 3rd-Party Backup Support

Supported Clients
• Windows 2000 onward
• Mac OS X 10.3 onward
• Linux

Supported Browsers
• Internet Explorer 6, 7
• Internet Explorer 8
• Firefox 3
• Firefox 3.5
• Safari 3 (Mac)
• Safari 4 (Mac)

Supported Mobile Devices (Photo Station, File Station)
• iPhone OS 2.2.1 and onward
• Windows Mobile (IE Mobile or Opera 9.0 onward)
• Symbian OS 9.1, S60 3rd Edition onward

Printer Support(6)
• Max Printer #: 2
• Supported Protocols: LPR, CIFS, AppleTalk

Languages
• English, German, French, Italian, Spanish, Danish, Norwegian, Swedish, Dutch, Russian, Japanese, Korean, Czech, Polish, Traditional Chinese, Simplified Chinese, Portuguese (Brazil), Portuguese (European), Turkish, and Hungarian
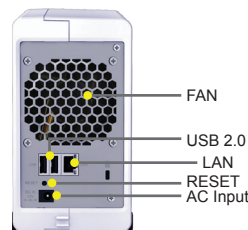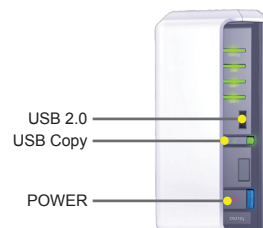
Environment
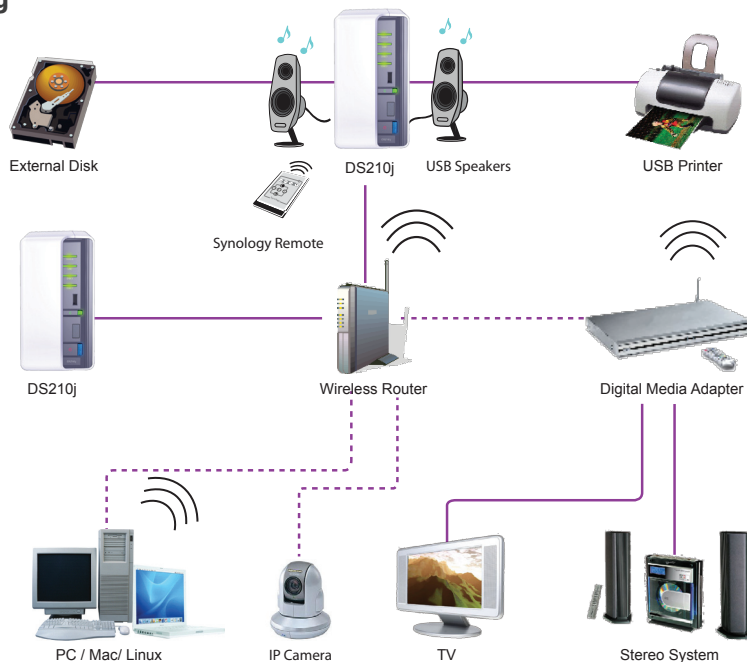• RoHS Compliant

Package Content
• DS210j Main Unit
• Installation CD
• Welcome Note
• Assembling Kit
• AC Power Adaptor
• AC Power Cord
• 2M RJ-45 LAN Cable

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(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 2 Seagate 750GB ST3750640NS hard drive. 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, DS210j 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) AC3, AMR, DTS, RV30, RV40, WMA3 codec are not supported.

CONNECTIONS & BUTTONS

USB 2.0
USB Copy

POWER

FAN

USB 2.0
LAN
RESET
AC Input

Networking

External Disk • DS210j • USB Speakers • USB Printer

Synology Remote

DS210j • Wireless Router • Digital Media Adapter

PC / Mac/ Linux • IP Camera • TV • Stereo System

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 evergy-efficient. All Synology product investments are enhanved with free software upgrades and 24.7 online support. Headquartered in Taipei, Taiwan, Synology America is located in Redmond, WA.

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