



DiskStation DS213j

Synology® DiskStation DS213j is a budget-friendly 2-bay NAS server for small offices and home use, specifically designed to provide a solution for file storage and sharing with data protection for your home environment with low power consumption, quiet operation and reliability. Running on DiskStation Manager (DSM) operating system, it delivers ease of use and variety of features.

Highlights

- **Floating-Point Unit Enabled CPU Favored Multimedia Processing**
- **Large 512MB RAM for Multitasking**
- **Over 100MB/sec Reading, 70MB/sec Writing**
- **Wake on LAN Ready**
- **Cool and Quiet Chassis**
- **DLNA® Compliant Media Server**
- **Running on Synology DiskStation Manager**

High-Performance Multimedia Processing with Smart Energy Management

With a RAID 1 configuration in a Windows® environment, Synology DS213j delivers read and write speeds of over 100MB/sec and 70MB/sec respectively, allowing you to share an entire Blu-ray quality video in less than 3 minutes. The built-in Floating-Point Unit CPU speeds up thumbnail processing to enhance photo viewing at different resolutions, while the large 512MB RAM ensures maximum speed when running multiple multimedia applications.

Synology DS213j is designed with energy efficiency in mind. Not only does it provide a large 92mm fan and smart airflow to keep the system running cool 24/7, but its noise dampening design makes it quiet compared to a public space in a library. Support for Wake on LAN/WAN, multiple scheduled power on/off, and hard drive hibernation can further reduce power consumption and operating costs.

Your Data is Safe with Synology

DS213j with Synology Hybrid RAID helps you balance storage capacity and data redundancy so you can have your space and use it too (custom RAID configuration available for advanced users). Your DS213j is also the ideal one-stop centralized backup solution: from PCs to NAS, NAS to NAS, NAS to peripheral storage media (such as USB stick) or NAS to remote storage via a whole host of options.



Figure 1) Personal Entertaining Center

DS213j changes your living room to a fascinating entertaining center with an integrated NAS as well as Internet connection.



Figure 2) Anytime Availability

Synology's mobile apps bring your entertaining center or office anywhere you go.

24/7 Download Portal

Feed your data-appetite with **Download Station**, your 24/7 download portal. With its comprehensive built-in BT search engine, you can find and download files in just a few clicks. So turn off your PC and let your DS213j download all your content directly to your centralized storage. With **DS download** on iPhone® and Android™, you can manage download tasks even while on the go.

Personal Entertainment Center

Enjoy multimedia easily with **Audio Station**, and **Video Station**. Find movies and TV shows online or record your favorite programs with a DVB-T stick, and play them on all devices including Windows, Mac®, DLNA, AirPlay®, Bluetooth, iOS, Android, and Windows Phone.

Take photos on your mobile device and let **Instant Upload** automatically send them to your DiskStation so they are ready for sharing through **Photo Station** or social networks including Facebook, Twitter, Plurk and Picasa.

Anywhere/Anytime Availability

QuickConnect and **EZ-Internet** configure your DS213j for accessing over the Internet with minimal effort. Combined with Synology's mobile apps for every popular feature, including **DS photo+**, **DS audio**, and **DS video** for anywhere multimedia access, **DS download**, **DS file**, and **DS cloud** for seamless file download/access/synchronization, **DS cam** for home security, you can enjoy your NAS anywhere, any time.

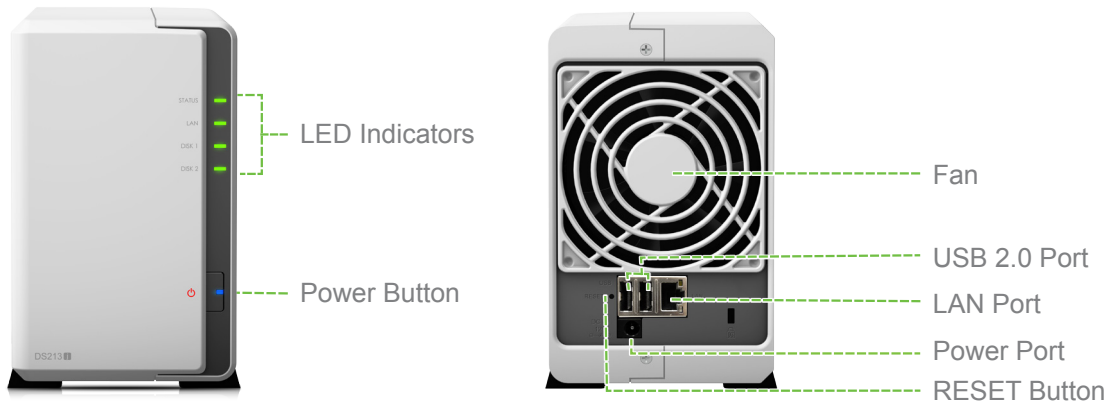
Powered by Synology DSM

Synology DiskStation Manager (DSM) is a web-based OS that provides private cloud service. It is designed to make your everyday living easier.

The built-in Package Center allows you to download and install the packages designed specifically for your unique needs, whether it's sharing files on the cloud, sharing photos on an online album, setting up a VPN environment or even an antivirus to protect your system. All will happen with just a few clicks.

The simple interface allows you to obtain and configure storage capacity with minimal friction. It provides you with complete control of your personal cloud and lets you access it anywhere. Synology DSM will help you maximize productivity and get more out of your digital assets with minimal fuss.

Connections & Buttons



Technical Specifications

Hardware

CPU	Marvell Kirkwood 1.2GHz
Floating Point	Yes
Hardware Encryption Engine	Yes
RAM Size	DDR3 512MB
Internal HDD/SSD	3.5" or 2.5" SATA(II) X 2 (hard drives not included)
Max Internal Capacity	8TB (2X 4TB hard drives) (The actual capacity will differ according to volume types.)
External HDD Interface	2X USB 2.0 ports
Size (HxWxD)	165mm X 100mm X 225.5mm
Weight	0.91kg
LAN	1X Gigabit
Wake on LAN/WAN	Yes
Wireless Support	Yes (wireless dongles not included)
Noise Level ¹	17.0 dB(A)
AC Input Power Voltage	100V to 240V
Power Frequency	50Hz to 60Hz, Single Phase
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
Power Consumption ²	19.82 W (Access), 3.65 W (HDD Hibernation)

DSM Specifications

Max File System Size	16TB
Max Internal Volume Number	256
Max iSCSI Target Number	10
Max iSCSI LUN Number	10
RAID	Synology Hybrid RAID, Basic, JBOD, RAID 0 and RAID 1 are supported
Synology Expansion Unit Support	No
Max User Account	512
Max Groups	128
Max Shared Folder	256
Max Shared Folder Sync Tasks	2
Max Concurrent CIFS/AFP/FTP/File Station Connections	64
Synology Web Assistant (installer)	Yes

Add-on Packages

Cloud Station	Maximum Concurrent Connections: 64, Retain Historical and Deleted File Versions
VPN Server	Maximum Connections : 5, VPN Method: PPTP, OpenVPN™
Time Backup	Maximum Task Number : 1, Multiple File Versions Retained, Instant File Restoration
Surveillance Station	Default IP cam #: 1, MAX IP cam # (licenses required): 5 (1 free license to install 1 IP camera. Additional licenses can be purchased to expand the license quota.)
Download Station	Supported Download Protocols: BT/HTTP/FTP/NZB/eMule Maximum Concurrent Download Tasks : 30
Other Packages	Antivirus Essential, Audio Station, DHCP Server, Directory Server, DNS Server, Glacier Backup, HiDrive Backup, iTunes® Server, Mail Server, Mail Station, Media Server, Photo Station, Radius Server, Syslog Server, Video Station, 3rd-party packages

General

Networking Protocols	CIFS, AFP, NFS, FTP, WebDAV, CalDAV, iSCSI, Telnet, SSH, SNMP, VPN (PPTP, OpenVPN)
File System	EXT4, EXT3 (External Disk Only), FAT (External Disk Only), NTFS (External Disk Only)
Privilege	Windows Access Control List (ACL)
Directory Service	Windows ADS Domain Integration, LDAP Integration
Security	FTP over SSL/TLS, IP Auto-Block, Firewall, Encrypted Network Backup over Rsync, HTTPS Connection
Utilities	Synology Web Assistant, Synology Assistant, Synology Data Replicator
Supported Clients	Windows XP onward, Mac OS X® 10.5 onward, Ubuntu 9.04 onward
Support Browsers	Chrome, Internet Explorer®: 8, Firefox®, Safari® : 5
Language	English, Deutsch, Français, Italiano, Español, Dansk, Norsk, Svensk, Nederlands, Русский, Polski, Magyar, Português do Brasil, Português Europeu, Türkçe, Český, 日本語, 한국어, 繁體中文, 简体中文

Environment and Packaging

Environment	RoHS Compliant
Package Content	DS213j Main Unit, Installation Disc, Welcome Note, Assembling Kit, AC Power Cord, AC Power Adapter, RJ-45 LAN Cable X1
Optional Accessories	Remote, Camera License Pack
Warranty	2 years

*Model specifications are subject to change without notice. Please refer to www.synology.com for the latest information.

1. Fully loaded with Seagate® ST31000520AS hard drive(s) in operation; Two G.R.A.S. Type 40AE microphones, each set up at 1 meter away from the DiskStation front and rear; Background noise: 17.1 dB(A); Temperature: 24.2°C; Humidity: 63; More details about dB(A) value, check <http://www.memtechacoustical.com/facts.asp>
2. Power consumption is measured when fully loaded with Western Digital® 3TB WD30EZRS hard drive(s).

SYNOLOGY INC.

Synology is dedicated to taking full advantage of the latest technologies to bring businesses and home users reliable and affordable ways to centralize data storage, simplify data backup, share and sync files across different platforms, and access data on-the-go. Synology aims to deliver products with forward-thinking features and the best in class customer services.

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DS213j-2013-ENU-REV003

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