



DiskStation DS213

Synology® DiskStation DS213 is a feature-rich 2-bay NAS server for workgroups and offices, specifically designed for users who need to share and protect data cost-effectively, while increasing productivity with comprehensive office applications.

Highlights

- **Optimal Price/Performance Ratio**
- **Features SuperSpeed USB 3.0**
- **Effective Backup Solutions**
- **Hassle-free System Installation**
- **Running on Synology DiskStation Manager (DSM)**

Optimal Price/Performance Ratio

Synology DS213 delivers an average 108.41 MB/sec reading speed under RAID 1 configuration in a Windows® environment, and 65.36 MB/sec writing¹. DiskStation DS213 provides a reliable solution for data sharing with an easy to use interface, and comprehensive office applications, including a complete backup solution making it one of the best values in 2-bay NAS devices available today.

Coming with USB 3.0 support which offers transmission speeds of up to 5 Gbps, namely 10 times faster than USB 2.0, DS213 takes less time for data transfer for external hard drives and consumes less power. In addition, hot-swappable drives make it easier for maintenance and hard drive replacement.

Effective Backup Solutions

Synology DS213 offers a centralized backup target to consolidate fragmented and unstructured data across a network. PC users can back up their data to Synology DS213 using Synology Data Replicator software, and Mac OS X® users enjoy native Apple® Time Machine® integration.

A backup wizard is provided for backing up data from DS213 to another Synology DiskStation or any rsync server via an encrypted connection, or to an external hard drive via USB 3.0 connection. The wizard also makes it easy to back up DiskStation data to the cloud via Amazon S3® or STRATO HiDrive. In addition, users can back up and restore DiskStation shared folders in multiple versions using Synology Time Backup package.

Shared Folder Sync allows users to synchronize a specific folder from Synology DS213 to another DiskStation – a server-to-client backup mechanism that takes place whenever something is changed on the server side. Users will be able to share documents within their local office seamlessly and safely with encrypted connection. When your DiskStation is down, you will be able to have an immediate backup running in no time.

You can have your own cloud by using Cloud Station to freely access and sync file across different computers. Cloud Station keep multiple versions of a document in case of accidentally delete or upon any change.

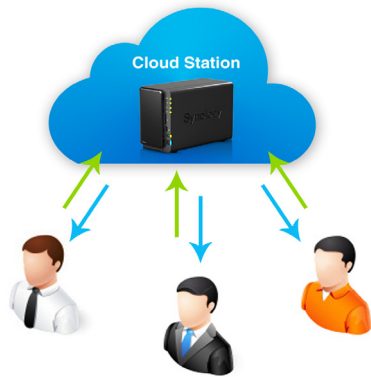


Figure 1) Cloud Station

Cloud Station Server on DS213 syncs user's data across several PCs or Macs seamlessly, boosting office productivity.

Rich Office Applications

Synology DiskStation DS213 runs on renowned multitasking operating system, the Synology DiskStation Manager (DSM). Offering a comprehensive list of business applications, the DS213 can be customized to run multiple applications of your choice to fulfill the requirement of your business environment. The DS213 replaces several pieces of traditional network hardware with rich features designed specifically for workgroups and offices such as antivirus, video surveillance, webmail, VPN, and LDAP directory services.

Applications are managed in the Package Center, an application portal that hosts applications as ready-to-use packages; to ensure high software integration as well as one-click-installation to eliminate guess work during installation. Additional approved 3rd party PHP web application such as content management, customer relationship management & e-commerce system can be hosted on DS213 by using Web Station with support for PHP/MySQL® web content.

Hassle-free System Installation

Web Assistant is a web-based utility to makes every DiskStation as easy to install as possible. Installation is done inside your existing web browser by setting up all vital system components in few simple steps. Combined with a quick start widget, users can simultaneously tour the DSM operating system and set it up to use right away.

Peace of Mind with Data Encryption

The Synology DS213 is equipped with an encryption engine which offloads the encryption calculation task away from the main CPU, helping to improve file transfer speeds of the DiskStation.

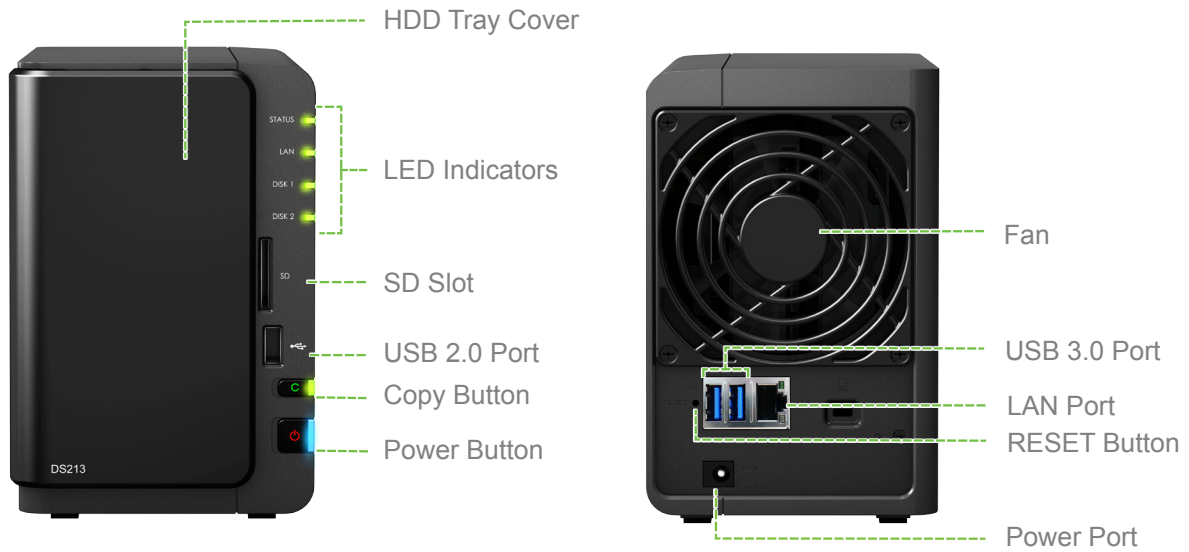
Data protection is an important matter for businesses of all sizes. High-end features previously available only on enterprise level hardware are now accessible via Synology DS213 to small and medium-sized businesses. DS213 provides share-level AES 256-bit encryption to aid in the prevention of unauthorized access attempts to the hard drives.

Energy Efficient with Cool and Quiet Design

Synology DS213 is designed with energy efficiency in mind. Not only does it provide a 92x92 mm fan and the smart airflow to keep the system running cool 24/7, its noise dampening design makes it really quiet compared to PC counterparts. The support of Wake on LAN/WAN, multiple scheduled power on/off and hard drive hibernation can further reduce power consumption and operation cost.

All Synology products are produced with RoHS compliant parts and packed with recyclable packing materials. Synology acknowledges the responsibility as a global citizen to continually work to reduce the environmental impact of every product produced.

Connections & Buttons



Technical Specifications

Hardware

| | |
|--------------------------------|---------------------------------------------------------------------------------------|
| CPU Frequency | 2.0GHz |
| Hardware Encryption Engine | Yes |
| Memory | 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.) |
| Hot Swappable HDD | Yes |
| External Storage Interface | 1X USB 2.0 port, 2X USB 3.0 ports, 1X SD card slot |
| Size (HxWxD) | 165mm X 108mm X 233.2mm |
| Weight | 1.25kg |
| LAN | 1X Gigabit |
| Wireless Support | Yes (wireless dongles not included) |
| Wake on LAN/WAN | Yes |
| Noise Level ² | 19.9 dB(A) |
| AC Input Power Voltage | 100V to 240V |
| Power Frequency | 50Hz to 60Hz, Single Phase |
| Power Consumption ³ | 18.48 W (Access); 8.28 W (HDD Hibernation) |
| 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 |

Applications

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|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| File Station | Virtual Drive, Remote Folder |
| Backup Solutions | Network Backup, Local Backup, Desktop Backup (Window: Synology Data Replicator; Mac®: Apple® Time Machine® backup application), Shared Folder Sync - Max Task Number : 2, Configuraiton Backup, USBCopy/SDCopy |
| Mail Server | Supported Mail Server Protocols : POP3, SMTP, IMAP |
| FTP Server | Bandwidth Control, Custom FTP Passive Port Range, Anonymous FTP, Transfer Log |
| Web Station | Virtual Host (up to 30 websites), PHP/MySQL®, 3rd-Party Applications Support |
| Printer Server | Max Printer #: 2, Printing Protocols: LPR, CIFS, IPP, Apple AirPrint™, Google Cloud Print™, Multi Functional Print Server (MFP functions are for Windows® PC only) |
| iOS/Android™ Applications | DS photo+, DS audio, DS cam, DS file, DS finder |
| Windows Phone Applications | DS finder |

Add-on Packages

| | |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Surveillance Station | Default IP cam #: 1, MAX IP cam # (licenses required): 8 (1 free license to install 1 IP camera. Additional licenses can be purchased to expand the license quota.) |
| Directory Server | LDAP Directory Server, Backup and Restore LDAP Database |
| VPN Server | Maximum Connections : 5, VPN Method: PPTP, OpenVPN™ |
| DHCP Server | Independent DHCP Server on Different Network Interfaces, Multiple Subnets Support, Address Reservation |
| Syslog Server | SSL Connection, Log Rotation: 6 months, 1 year, 2 years, 3 years, Email Notification |
| Mail Station | Webmail Interface for Mail Server, Receiving Mails from Multiple POP3 Mailboxes, Customizable SMTP Server |
| Antivirus Essential | Full System Scan, Scheduled Scan, White List Customization, Virus Definition Auto Update |
| Time Backup | Maximum Task Number : 2, Multiple File Versions Retained, Instant File Restoration |
| Cloud Station | Maximum User Accounts : 16, Retain Historical and Deleted File Versions |
| DLNA®/UPnP® Media Server | PS3®/Xbox 360® Support |
| Download Station | Supported Download Protocols: BT/HTTP/FTP/NZB/eMule Maximum Concurrent Download Tasks : 30 |
| Other Packages | Photo Station, Audio Station, iTunes® Server, 3rd-Party Packages |

General

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|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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) |
| Storage Management | Max File System Size: 16TB, Max Internal Volume #: 256, Max iSCSI Target #: 10, Max iSCSI LUN#: 10, Supported RAID Type : Synology Hybrid RAID, Basic, JBOD, RAID 0, RAID 1 |
| File Sharing Capability | Max User Account: 2048, Max Group: 256, Max Shared Folder: 256, Max Concurrent CIFS/AFP/FTP Connections : 128 |
| 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, 9, Firefox®, Safari® (Mac): 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

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|----------------------|-----------------------------------------------------------------------------------------------------------------------|
| Environment | RoHS Compliant |
| Package Content | DS213 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. The performance figures could vary on different environments.
2. 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>
3. Measured with 2 Western Digital® 3TB WD30EZRS hard drives. The figures could vary on different environments.

SYNOLOGY INC.

Synology is dedicated to taking full advantage of the latest technologies to bring businesses and home users reliable and affordable ways to centralized 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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