Synology®

DiskStation DS214

Synology® DiskStation DS214 is a feature-rich 2-bay NAS server for workgroups and offices, specifically designed for users who need to share and protect data effectively, while increasing productivity with comprehensive office applications.

Highlights

- **Dual Core CPU with Floating-Point Unit**
- **Excellent Reading/Writing Performance over 100MB/s**
- **512MB RAM for Increased Multi-Tasking Power**
- **Features SuperSpeed USB3.0**
- **Hot-swappable & Tool-Less Hard Drive Tray Design**
- **Running on Synology DiskStation Manager (DSM)**

Optimal Price/Performance Ratio

Synology DS214 is in the best cost/value ratio, but everything else is in the extreme. Synology DS214 delivers outstanding read/write performance, an average over 100 MB/sec writing speed under RAID 1 configuration in a Windows® environment, and over 110 MB/sec reading.[1] The built-in floating-point unit enhances the overall capability of the main CPU, and is particularly advantageous in speeding up thumbnail processing, making photo viewing a refreshingly new experience.

Designed with both safety and convenience in mind, DS214 contains the brand new tool-less hard drive trays, allowing users to fixate 3.5" hard drives without a screwdriver. Meanwhile, DS214 also supports hot-swappable hard drive trays, enabling instant and risk-free hard disk replacement. External storage access is made fast and easy, with two SuperSpeed USB 3.0 interfaces in the back, alongside one USB 2.0 interface in the front panel for quick access.

Running on Synology's award-winning DSM operating system, DS214 shares the rich reservoir of applications available in DSM Package Center.

Windows + Mac + Linux Cross Platform File Sharing

Synology DS214 offers comprehensive network protocol support, assuring seamless file sharing across Windows, Mac®, and Linux® platforms. Windows AD and LDAP integration allows Synology DS214 to fit quickly and effortlessly into any existing network environment, with no need to recreate user accounts. Internet file access is simplified by the encrypted FTP server and the web-based file explorer, Synology File Station. HTTPS, firewall, and IP auto-block support ensure file sharing over the Internet is protected at a high security level.

For users who are always on the move, Synology provides a handy app, DS file, for popular mobile devices such as iPhone®, iPad®, Android™ devices and Windows Phone™. Anything stored on Synology DS214 can now be accessed remotely using DS file.

Anytime Availability

Access your DiskStation anywhere using Synology mobile apps.

Effective Backup Solution

Synology DS214 offers a centralized backup target to consolidate fragmented and unstructured data across a network. PC users can back up their data to Synology DS214 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 Synology DS214 to another Synology NAS, to other rsync server, or to an external drive. Backing up to Amazon® S3 and Glacier cloud service is also supported. The add-on package, Time Backup, keeps DiskStation data in multiple versions, so IT administrators could easily keep track of them and restore to a previous version whenever required.

Shared Folder Sync allows users to synchronize a specific folder from Synology DS214 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.

Rich Office Applications

Synology DS214 runs on the award-winning operating system, Synology DiskStation Manager (DSM), offering comprehensive applications and features designed specifically for Small Business & Workgroups.

The built-in mail server turns Synology DS214 into a dedicated mail service provider, and the USB printer sharing capability minimizes businesses' cost by sharing printing resources throughout the office. VPN Server package offers an easy VPN solution that turns your DS214 into a VPN server, providing a secure way of connecting to a private LAN at a remote location.
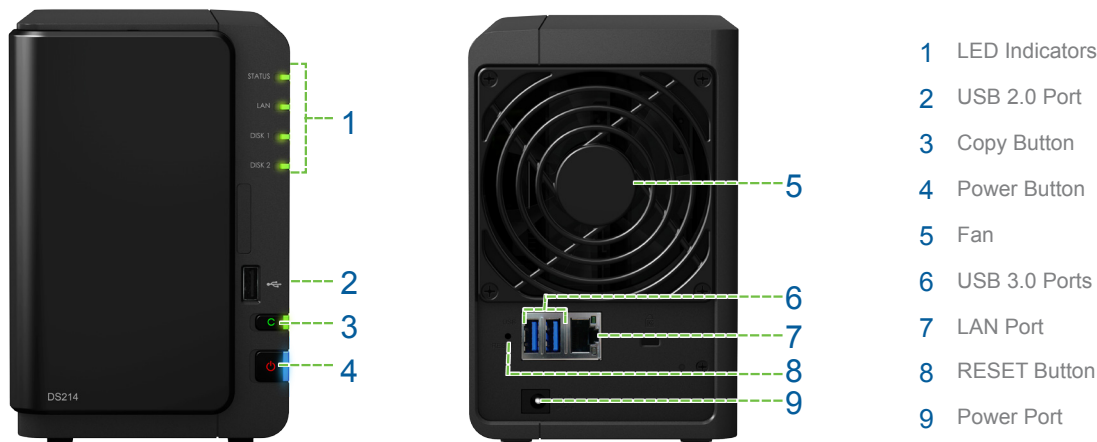
As to environment security, Synology Surveillance Station offers a centralized interface to manage IP cameras deployed in your office or home, allowing users traveling miles away to safeguard the environment by watching live views, recording events, and taking snapshots with a computer or iOS/Android device.

Energy Efficient with Cool and Quiet Design

All Synology NAS is designed with energy efficiency in mind. Not only does DS214 provide a 92 X 92 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 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

#	Label
1	LED Indicators
2	USB 2.0 Port
3	Copy Button
4	Power Button
5	Fan
6	USB 3.0 Ports
7	LAN Port
8	RESET Button
9	Power Port

Technical Specifications

Hardware

CPU Frequency	Dual Core 1.066GHz
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 (2 X 4TB hard drive) (The actual capacity will differ according to volume types.)
Hot Swappable HDD	No
External Storage Interface	USB 3.0 port X 2, USB 2.0 port X 1
Size (HxWxD)	165mm X 108mm X 233.2mm
Weight	1.3kg
LAN	Gigabit X 1
Wireless Support	Yes (wireless dongles not included)
Wake on LAN/WAN	Yes
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

DSM Specifications

Networking Protocols	CIFS, AFP, NFS, FTP, WebDAV, CalDAV, iSCSI, Telnet, SSH, SNMP, VPN (PPTP, OpenVPN™, L2TP)
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: 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, Mag Português do Brasil, Português Europeu, Türkçe, Český, 日本語, 한국어, 繁體中文, 简体中文

Applications

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, Configuration Backup
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, iOS Printing, Google Cloud Print™, Multi Functional Print Server (MFP functions are for Windows PC only)
iOS/Android Applications	DS audio, DS cam, DS cloud, DS download, DS file, DS finder, DS photo+, DS video
Windows Phone Applications	DS audio, DS file, DS finder, DS photo+, DS video

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™, L2TP
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 Concurrent File Transfers: 128; Retain Historical and Deleted File Versions
DLNA®/UPnP® Media Server	DLNA certified, 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, Video Station, iTunes® Server, 3rd-Party Packages

Environment and Packaging

Environment	RoHS Compliant
Package Content	DS214 Main Unit, Installation Disc, Welcome Note, Accessory Pack, AC Power Cord, AC Power Adapter, RJ-45 LAN Cable
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.

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