



# RackStation RS214

Synology® RackStation RS214 is a 1U 2-bay rackmount NAS. Featuring easy data sharing and management, RS214 is a genuine value specifically designed to serve growing businesses of any size. With Synology's rich office applications, RS214 is dedicated to enhance working experience and productivity.

## Highlights

- **CPU with Floating-Point Unit Boosting Working Efficiency**
- **512MB RAM for Increased Multi-Tasking Power**
- **Dual LAN with Failover and Link Aggregation Support**
- **Features SuperSpeed USB3.0**
- **Hot-swappable Hard Drive Design**
- **12-Inch Depth to Fit in 2-Post Rack & Wall Mount Rack**
- **Running on Synology DiskStation Manager (DSM)**

## Optimal Price/Performance Ratio

Synology RS214 is an affordable and reliable solution for a growing business of any size. The built-in floating-point unit enhances the overall capability of the main CPU, enabling higher working efficiency. Synology RS214 delivers an average over 70 MB/sec writing speed under RAID 1 configuration in a Windows® environment, and over 100 MB/sec reading.<sup>1</sup> With RAM twice the size of its predecessor, RS214 exhibits a surprising boost in multi-tasking performance, making it one of the best values in 2-bay rackmount NAS devices available today.

Designed with attention to recovery mechanism, RS214 comes with dual LAN failover support to ensure continual network service in case of LAN failure, while hot-swappable design facilitates easy and risk-free hard drive replacement. The brand new hard drive tray lock further secures your hard drives from unauthorized or accidental withdrawal. To ensure scalability, RS214 provides an eSATA and two USB 3.0 interfaces in the back, alongside two USB 2.0 interfaces in the front panel for quick access.

## Compact Design in 12-inch Depth

Synology RS214, a 1U 2-bay rackmount NAS server with exceptional 12 inches in depth, offers an affordable and comprehensive solution for both industrial standard environments and smaller server rooms with limited space. Its compact size fits perfectly into 2-position rack and wall mount rack without additional rail kit. It is also resilient enough to withstand operating temperature up to 45°C/110°F, offering high reliability under extreme conditions. The smart fan design keeps Synology RS214's fan spinning at a very low speed, quiet your rack to create a calmer office working environment.



### **Anytime Availability**

Access your DiskStation anywhere using Synology mobile apps.

## **Windows®+ Mac®+ Linux® Cross Platform File Sharing**

Synology RS214 offers comprehensive network protocol support, assuring seamless file sharing across Windows®, Mac®, and Linux® platforms. Windows® AD and LDAP integration allows the Synology RS214 to fit quickly and easily into an existing business IT infrastructure, with no need to recreate user accounts for the Synology RS214. 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™ device and Windows Phone™. Anything stored on Synology RS214 can now be accessed remotely using DS file.

## **Effective Backup Solution**

Synology RS214 offers a centralized backup target to consolidate fragmented and unstructured data across a network. PC users can back up their data to Synology RS214 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 RS214 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.

## **Rich Office Applications**

Synology RS214 runs on the award-winning operating system, Synology DiskStation Manager (DSM), which offers comprehensive applications and features designed specifically for office and business workgroups.

Web Station with PHP/MySQL® support allows a single Synology RS214 to host up to 30 websites and numerous 3rd party web applications, such as Content Management, Customer Relationship Management & e-Commerce system. The Mail Server package turns Synology RS214 into a dedicated mail service provider, while Mail Station, provides a webmail interface for users to access emails stored on Synology RS214.

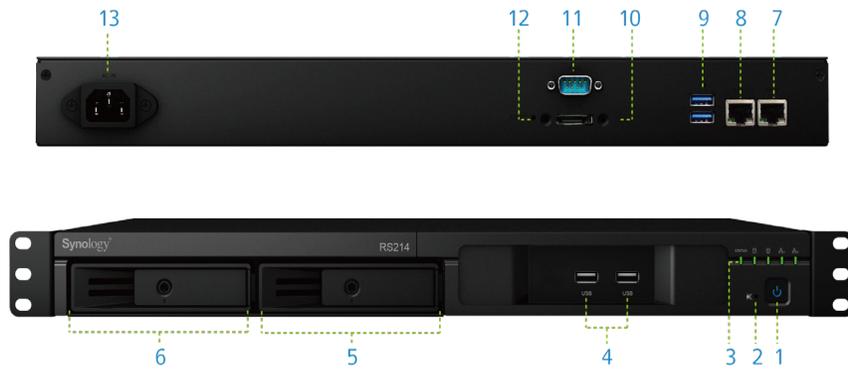
VPN Server package offers an easy VPN solution that turns your Synology RS214 into a VPN server, providing a secure way of connecting to a private LAN at a remote location.

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 and Environmentally Friendly**

Synology RackStations are designed and developed with attention to energy efficiency. Compared with the average PC counterparts, Synology RS214 consumes very low wattage in operation. 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



- 1 Power Button
- 2 Beep off Button
- 3 LED Indicators
- 4 USB 2.0 Ports
- 5 Hard Drive Tray 2
- 6 Hard Drive Tray 1
- 7 LAN 2
- 8 LAN 1
- 9 USB 3.0 Ports
- 10 eSATA Port
- 11 Console Port
- 12 RESET Button
- 13 Power Port

## Technical Specifications

### Hardware

CPU Frequency	1.2 GHz
RAM Size	DDR3 512MB
Internal HDD/SSD	3.5" or 2.5" SATA (III) X 2 (hard drives not included)
Max Internal Capacity	8 TB (4 TB HDD X 2) (The actual capacity differs according to volume types.)
External HDD Interface	USB 3.0 port X 2, USB 2.0 port X 2, eSATA port X 1
Size (HxWxD)	44mm X 430.5mm X 287.5mm
Weight	3.14kg
LAN	Gigabit X 2
Wireless Support	Yes (wireless dongles not included)
Wake on LAN/WAN	Yes
Hot Swappable HDD	Yes
AC Input Power Voltage	100V to 240V
Power Frequency	50Hz to 60Hz, Single Phase
Operating Temperature	0°C to 45°C (32°F to 110°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 : 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)
Virtualization	VMware vSphere 5, Microsoft® Hyper-V, Citrix Ready
Directory Service	Windows AD Integration: Domain Users login via Samba (CIFS)/AFP/FTP/File Station, LDAP Integration
Security	FTP over SSL/TLS, IP Auto-Block, Firewall, Encrypted Network Backup over Rsync, HTTPS Connection
Utilities	Synology Assistant, Synology Data Replicator 3
Supported Clients	Windows XP onward, Mac OS X® 10.5 onward, Ubuntu 9.04 onward
Supported 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

## 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 (with one free license to install one 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, 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	RS214 Main Unit, Welcome Note, Accessory Pack, AC Power Cord
Optional Accessories	Remote, Camera License Pack, Rail Kit
Warranty	3 years

\*Model specifications are subject to change without notice. Please refer to [www.synology.com](http://www.synology.com) for the latest information.

1. The performance 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 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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