



## DiskStation DS214+

Synology® DiskStation DS214+ is a high-performance 2-bay all-in-1 NAS server for small and medium business users. Elaborately designed for multitasking applications, DS214+ offers high-performance, energy efficiency, and complete business features in a network attached storage solution that helps small and medium businesses centralize backup, protect critical assets and share files quickly and efficiently.

### Highlights

- **Dual Core CPU Powered by Floating Point Unit**
- **208 MB/s Reading, 153 MB/s Writing<sup>1</sup>**
- **2 LAN with Failover and Link Aggregation Support**
- **SuperSpeed USB 3.0 Support**
- **Hardware Encryption Engine**
- **Screwless Drive Bay Design and Hot-swappable Support**
- **Running on Synology DiskStation Manager (DSM)**

### Dual Core and Dual LAN Performance

Performance is the key for small and medium business users. Synology DS214+ comes with a dual core CPU with built-in floating-point unit, 1GB DDR3 RAM, dual LAN ports, SuperSpeed USB3.0 and the brand new tool-less drive trays, providing incomparable system performance among 2-bay NAS devices available nowadays. The built-in floating-point unit enhances the overall capability of the main CPU to enable higher working efficiency. With RAM twice the size of its predecessor, DS214+ also exhibits a surprising boost in multi-tasking performance. Under link aggregation, DS214+ delivers over 153 MB/s writing speed under RAID 1 configuration in a Windows® environment, and over 208 MB/s reading.<sup>1</sup> The dual LAN also supports failover mechanism, ensuring continual network service in case of LAN failure.

### Cross Platform File Sharing and Mobile Access

Comprehensive network protocol support assures seamless file sharing across Windows, Mac®, and Linux® platforms. Windows ADS and LDAP integration allows the Synology DS214+ to quickly and easily fit in an existing business network environment with no need to recreate user accounts. Windows ACL support provides much finer-grained access control and efficient privilege settings, allowing users to enjoy native Windows experience.

Internet file access is simplified by the encrypted FTP server and the web-based File Station. HTTPS, the built-in 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.



### **Cross-platform File Synchronization**

Auto-synchronize your files among DiskStation, PC and mobile devices using Synology Cloud Station.

### **Rich Office Applications**

Synology DS214+ runs on the award-winning operating system, Synology DiskStation Manager (DSM), which offers comprehensive applications and features designed specifically for office and business workgroups.

Cloud Station allows users to sync files among multiple devices, including Windows PC, Mac, Linux, iOS and Android tablets or phones, effortlessly keeping everything up-to-date. The Mail Server package turns Synology DS214+ into a dedicated mail service provider, while Mail Station, provides a webmail interface for users to access emails stored on Synology DS214+.

VPN Server package offers an easy VPN solution that turns your Synology DS214+ into a VPN server, providing a secure way of connecting to a private LAN at a remote location. RADIUS Server strengthens network security by overseeing wireless access authentication via RADIUS (Remote Authentication Dial-In User Service) networking protocol.

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.

### **Effective Backup Solutions**

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 DS214+ to another Synology DiskStation or any rsync server via an encrypted connection, or to an external hard drive via USB 3.0 or eSATA connection. The wizard also makes it easy to back up DiskStation data to the cloud via Amazon S3™ or Glacier cloud service. In addition, users can back up and restore DiskStation shared folders in multiple versions using Synology Time Backup package.

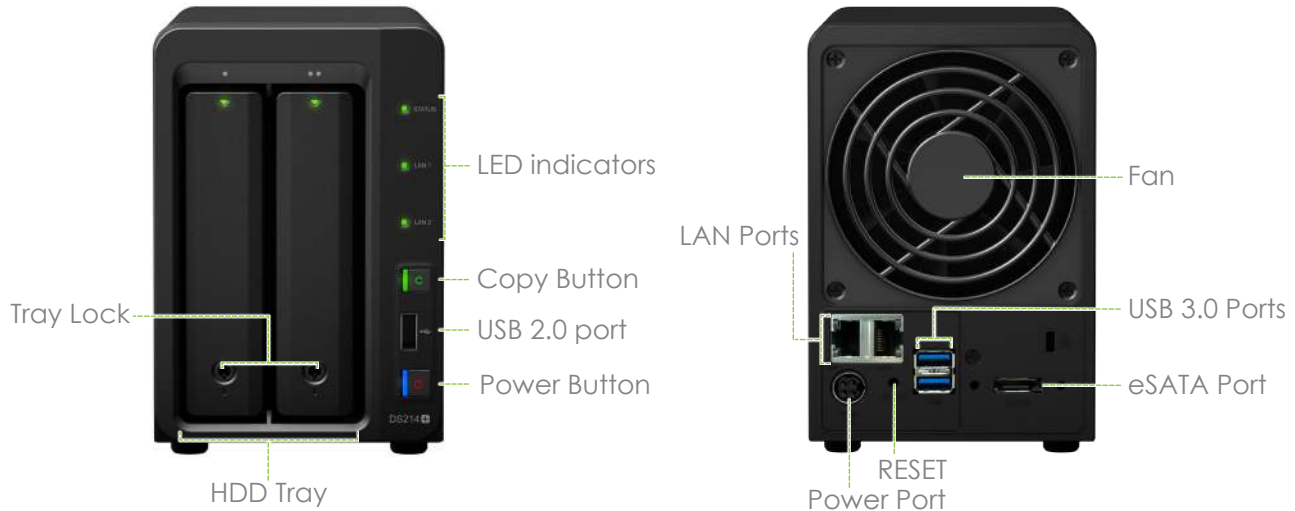
Shared Folder Sync allows users to synchronize a specific folder from Synology DS214+ to another DiskStation— a server-to-client backup mechanism that takes place whenever something is changed on the server side. Users will be able to share documents within their local office seamlessly and safely with encrypted connection. When your DiskStation is down, you will be able to have an immediate backup running in no time.

### **Energy Efficient with Cool and Quiet Design**

Synology DS214+ 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 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	Marvell Armada XP Dual Core 1.33GHz
Floating Point	Yes
Hardware Encryption Engine	Yes
Memory	DDR3 1GB
Internal HDD/SSD	3.5" or 2.5" SATA(II) X 2 (hard drives not included)
Max Internal Capacity	8TB (2 X 4TB hard drives) (The actual capacity will differ according to volume types.)
Hot Swappable Drive	Yes
External Device Ports	1 X USB 2.0 port, 2 X USB 3.0 ports, 1 X eSATA port
Size (HxWxD)	157mm X 103.5mm X 232mm
Weight	1.65kg
LAN	2 X Gigabit
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

### General

Networking Protocols	CIFS, AFP, NFS, FTP, WebDAV, CalDAV, iSCSI, Telnet, SSH, SNMP, VPN (PPTP, OpenVPN™, L2TP)
File System	Internal: EXT4 External: EXT4, EXT3, FAT, NTFS, HFS+ (Read 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 : 256
Privilege	Windows Access Control List (ACL)
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 Web Assistant, Synology Assistant, Synology Data Replicator 3, Cloud Station
Supported Clients	Windows XP onward, Mac OS X 10.5 onward, Ubuntu 9.04 onward
Support Browsers	Chrome™ , Firefox® , Internet Explorer® : 8 or later, Safari® 5 or later, Safari (iOS 5 or later on iPad), Chrome (Android 4.0 on tablets)
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 : 4, Configuration Backup, USB Copy
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 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 finder, DS photo+, DS video, DS file

## Add-on Packages

Surveillance Station	Default IP cam #: 1, MAX IP cam # (licenses required): 16 (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 : 15, 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 : 4, Multiple File Versions Retained, Instant File Restoration
Cloud Station	Maximum Concurrent File Transfers: 256, 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 : 50
Other Packages	Photo Station, Audio Station, Video Station, iTunes® Server, 3rd-Party Packages

## Environment and Packaging

Environment	RoHS Compliant
Package Content	DS214+ Main Unit, Welcome Note, Accessory Pack, AC Power Cord, AC Power Adapter, RJ-45 LAN Cable X 2
Optional Accessories	Remote, Camera License Pack
Warranty	2 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 vary on different environments. Synology is dedicated to continual performance enhancement. Please find the latest figures on [www.synology.com](http://www.synology.com).

## 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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### Headquarters

Synology Inc.  
3F-3, No. 106, Chang An W. Rd., Taipei,  
Taiwan  
Tel: +886 2 2552 1814  
Fax: +886 2 2552 1824

### France

39 rue Louis Blanc,  
92400 Courbevoie  
France  
Tel: +33 147 176288

### North & South America

Synology America Corp.  
13343 NE Bel-Red Road,  
Bellevue, WA 98005, USA  
Tel: +1 425 818 1587

### UK

Synology UK Ltd.  
Etheridge Avenue, Brinklow,  
Milton Keynes, MK10 0BP, UK  
Tel: +44 1908 587422

### Germany

Synology GmbH  
Grafenberger Allee 125  
40237 Düsseldorf  
Deutschland  
Tel: +49 211 9666 9666