Synology®

DiskStation DS214se

Synology® DiskStation DS214se is a budget-friendly two-bay NAS device with the capability to host, share and protect data. Sharing the variety of packages in DSM Package Center, DS214se helps beginners explore the infinite possibilities of Synology NAS.

Highlights

- Floating-Point Unit Enabled CPU Favores Multimedia Processing
- 102 MB/s Reading, 58 MB/s Writing
- DLNA®-Certified Media Server
- 19W Low Power Consumption
- Hassle-free System Installation
- Running on Synology DiskStation Manager (DSM)

Choice NAS for Everyone

Centering on the core features of NAS devices, Synology DS214se provides handy and effective network storage under budget. Not only does DS214se centralize and back up your digital contents, it makes cross-platform and cross-device sharing effortless. DS214se delivers an average over 58 MB/sec writing speed under RAID 1 configuration in a Windows® environment, and over 102 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. Equipped with Synology's full multimedia applications, DS214se is also an ideal solution for users looking for entertainment and download center, providing easy and energy-efficient download service as well as multimedia streaming capabilities. With Synology's rich cloud applications, DS214se serves as your personal cloud whose content is available anywhere on demand.

Easy Setup and Management

Web Assistant is a web-based utility to make 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. For users unfamiliar with complicated router configurations or those who simply want to save time, the Synology EZ-Internet Wizard simplifies the process of setting up access to the Synology DS214se from the Internet. EZ-Internet Wizard walks you through all of network settings including firewall, port-forwarding, PPPoE setup and DDNS registration. The multi-tasking web UI on DSM allows users to run multiple applications simultaneously on one tab browser and switch between them instantly. Synology Hybrid RAID allows you to reach maximum use of your hard drive while keeping your storage safe with data redundancy.

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 locate your desired files in just a few clicks. So turn off your PC and let your DS214se 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.

Wireless Multimedia Streaming

DS214se turns your living room into a multimedia entertainment center.

Anytime Availability

Access your DiskStation anywhere using Synology mobile apps.

Certified DLNA Media Server

As a fully certified DLNA DMS (Digital Media Server), DS214se serves also as a ready media server with the capability to host digital multimedia contents for remote playback. Once connected to a wireless router, DS214se is set to stream music, photos and videos to DLNA-compliant devices without any pre-configuration, thus enabling users to enjoy their collection on larger screens or with quality speakers. Synology even makes it possible for users to browse and select DiskStation contents using DS audio - a handy mobile app - to designate a DLNA player within the same local network to play it.

Anywhere/Anytime Availability

QuickConnect and EZ-Internet configure your DS214se for accessing over the Internet with minimal effort. 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. 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.

Running on Synology DiskStation Manager (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.

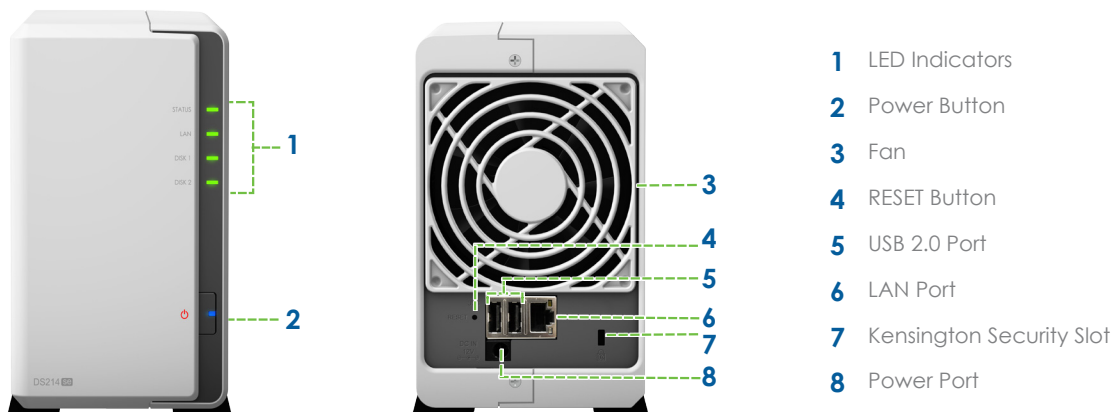## Energy Efficient with Cool and Quiet Design

Synology DS214se is designed with energy efficiency in mind. Not only does it provide a larger 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 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

1. LED Indicators
2. Power Button
3. Fan
4. RESET Button
5. USB 2.0 Port
6. LAN Port
7. Kensington Security Slot
8. Power Port

Technical Specifications

Hardware

CPU	Marvell Armada 370 800MHz
Floating Point	Yes
Hardware Encryption Engine	Yes
Memory	DDR3 256MB
Internal HDD/SSD	3.5" or 2.5" SATA(II) X 2 (hard drives not included)
Max Internal Capacity	12TB (2 X 6TB hard drive) (The actual capacity will differ according to volume types.)
External Device Interface	USB 2.0 port X 2
Size (HxWxD)	165mm X 100mm X 225.5mm
Weight	870g
LAN	Gigabit X 1
Wireless Support	Yes (wireless dongles not included)
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	Internal: EXT4 External: EXT3, EXT4, FAT, NTFS, HFS+ (Read Only)
File Sharing Capability	Max User Account: 512, Max Group: 128, Max Shared Folder: 256, Max Concurrent CIFS/AFP/FTP Connections: 64
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, 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: 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 #: 2, MAX IP cam # (licenses required): 5 (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: 1, Multiple File Versions Retained, Instant File Restoration
Cloud Station	Maximum Concurrent File Transfers: 64; 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 : 20
Other Packages	Photo Station, Audio Station, Video Station, iTunes® Server, 3rd-Party Packages

Environment and Packaging

Environment	RoHS Compliant
Package Content	DS214se Main Unit, Welcome Note, Accessory Pack, AC Power Cord, AC Power Adapter, RJ-45 LAN Cable
Optional Accessories	Remote, Camera License Pack, Disk Holder (Type C)
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 vary on different environments. Synology is dedicated to continual performance enhancement. Please find the latest figures on www.synology.com.

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