



DiskStation DS414slim

Synology® DiskStation DS414slim is designed to provide the utmost fun and security while occupying minimal space. Its compact body is equipped with Synology DiskStation Manager's full range of features: multimedia entertainment, cross-platform sharing, comprehensive backup solutions - and much more.

Highlights

- **Small Footprint NAS Designed for 2.5" HDD/SSD**
- **CPU with Floating-Point Unit Boosting Working Efficiency**
- **Dual LAN with Failover and Link Aggregation Support**
- **Reading over 110.91 MB/s, Writing over 54.53 MB/s¹**
- **Energy-Efficient with Easy Fan Replacement Design**
- **Running on DiskStation Manager**

A Paragon Larger than Life

Synology DS414slim may be small in size, but is large in features. This new rendition of our popular slim model comes equipped with **dual LAN** for failover and Link Aggregation support, as well as two **USB 3.0** ports to boost transfer rate between external storage devices. Reading over 110.91 MB/s and writing over 54.53 MB/s, DS414slim exceeds the performance expectations of a small home NAS.¹ With the brand new **detachable fan module**, fan replacement is easier than ever, while the snap-in drive trays make disk installation fast and neat.

Running on Synology's award-winning **DiskStation Manager (DSM)** operating system, DS414slim shares a rich reservoir of applications available in DSM Package Center.

Windows + Mac + Linux Cross Platform File Sharing

Synology DS414slim offers comprehensive network protocol support, assuring seamless file sharing across Windows®, Mac®, and Linux® platforms.

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.

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. **Cloud Sync** brings your Dropbox, Google Drive and Baidu storage in sync with your personal cloud at home on DiskStation.

Windows AD and **LDAP** integration allows Synology DS414slim to fit quickly and effortlessly into any existing network environment, with no need to recreate user accounts.



Cross-platform File Synchronization

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



Anytime Availability

Access your DiskStation anywhere using Synology mobile apps.

Personal Multimedia Bank

With DS414slim you can easily manage your multimedia contents and share them across Windows, Mac, and Linux platforms. **Photo Station's** intuitive design allows you to effortlessly organize photos into customized categories, smart albums and blog posts, and link them to social networking websites like Facebook, Twitter, Flickr, and Weibo within a few clicks. **Audio Station** comes with built-in lyrics plugin, Internet radio, and support for DLNA®, AirPlay®, and Bluetooth speakers for quality playback. With **Video Station**, you can watch movies and TV shows online or record your favorite programs with a DVB-T, DVB-S and DTMB tuners.

Anywhere/Anytime Availability

Synology provides mobile applications that allow you to enjoy the full variety of your multimedia library even when on the go, allowing you to reach for your private albums, music and video collection at home in DS414slim. Available on iOS, Android and Windows Phone platforms, **DS photo+**, **DS audio**, and **DS video** mobilize your Photo Station, Audio Station and Video Station, placing terabytes of content at your fingertips. What's more, **DS download** makes it possible for you to manage and monitor your download tasks remotely while you can access DS414slim content with **DS file** whenever required.

Effective Backup Solutions

With Synology DS414slim your data is always safe. **Server backup** backs up your data to another Synology NAS, an external hard drive, or to any other Rsync server. With the help of **multiple version control**, you can restore your DS414slim to any particular point in time, free of worry about storage consumption because only modified data blocks are saved between versions.

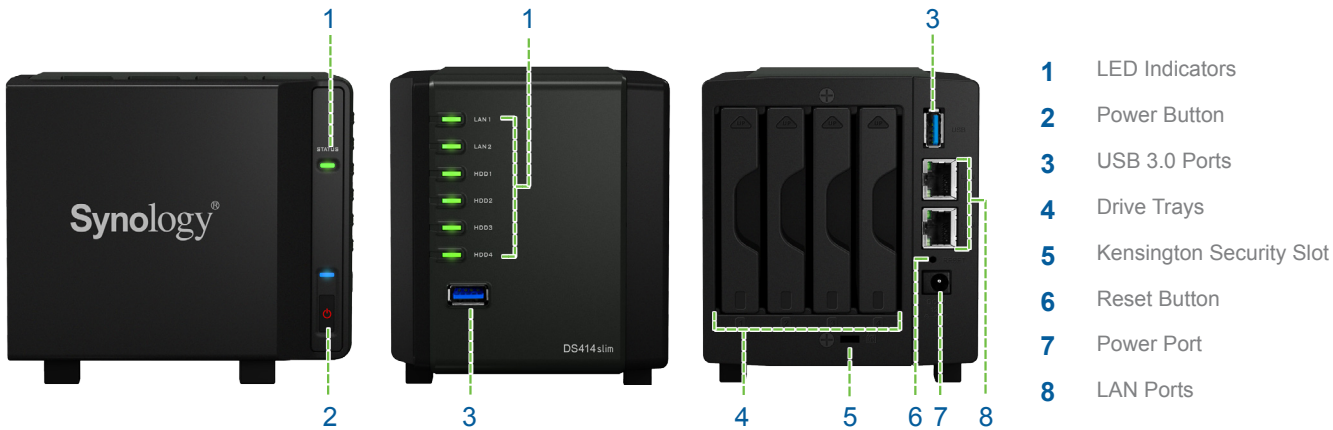
The DS414slim also serves as the centralized backup target of your computers in the house. PC Users can back up their data to the DS414slim using the free Synology **Data Replicator** software, while Mac OS X® users enjoy native Apple® Time Machine® integration.

Energy Efficient with Cool and Quiet Design

All Synology NAS is designed with energy efficiency in mind. Not only does DS414slim provide a 60 X 60 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



Technical Specifications

Hardware

CPU	Marvell Armada 370
Hardware Encryption Engine	Yes
RAM Size	DDR3 512 MB
Compatible Drive Type	2.5" SATA(II) X 4 (hard drives not included) Up to 12.5mm drive height
Max Internal Capacity	8 TB (4 X 2 TB hard drive) (The actual capacity will differ according to volume types.)
Hot Swappable HDD	Yes
External Storage Interface	USB 3.0 port X 2
Size (HxWxD)	120mm X 105mm X 142mm
Weight	660g
LAN	Gigabit X 2
Wireless Support	Yes (wireless dongles not included)
Wake on LAN/WAN	Yes
Scheduled Power on/off	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), HFS+
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, RAID 5, RAID 6, RAID 10, Synology Hybrid RAID
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 AD 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™, Firefox®, Internet Explorer® 8 onward, Safari® 5 onward, 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 download, DS file, DS finder, DS photo+, DS video

Add-on Packages

Surveillance Station	Default IP cam #: 2, MAX IP cam # (licenses required): 8 (1 free license to install 1 IP camera. Additional licenses can be purchased to expand the license quota.)
VPN Server	Maximum Connections: 5, VPN Method: PPTP, OpenVPN, L2TP
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; Client Software Support: DiskStation, Windows PC, Mac OS, Linux computers; Retain Historical and Deleted File Versions
Cloud Sync	Data Sync with Public Cloud Services: Dropbox, Google Drive, Baidu
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, Mail Server, RADIUS Server, 3rd-Party Packages

Environment and Packaging

Environment	RoHS Compliant
Package Content	DS414slim Main Unit, Welcome Note, Accessory Pack, 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 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.

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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