Synology®

DiskStation DS216play

Synology DiskStation DS216play is a two-bay feature-rich NAS with powerful multimedia processing and real-time transcoding of 4K Ultra HD source content, perfect for multimedia and file sharing. Synology DS216play is backed with Synology's 2-year limited warranty.

Highlights

- **4K Ultra HD video transcoding on the fly**
- **Powerful dual-core CPU with H.265 codec support**
- **107.7 MB/s Reading, 91.47 MB/s Writing[1]**
- **DLNA® certified for media streaming**
- **Powered by Synology DiskStation Manager (DSM)**

4K Ultra HD Entertainment Center

Prepare to embrace the heart-touching festival of ultra-high-definition media contents. Synology DiskStation DS216play features real-time **4K Ultra HD** (3840 x 2160) video transcoding, bringing more complete support to the latest multimedia file formats and contents. DS216play is also a feature-rich NAS server with a **dual-core CPU** and **1GB RAM**, delivering an average **107MB/s reading** and **91MB/s writing** speed under RAID 1 configuration in a Windows® environment. Now users can enjoy on-demand ultra-high-quality video transcoding and file sharing offered exclusively by DS216play.

Personal Multimedia Bank

DS216play helps you easily manage your multimedia contents and share them across Windows, Mac®, and Linux® platforms. With **Video Station**, you can organize your digital video library with comprehensive media information, watch 4K Ultra HD movies and films, or record your favorite TV programs with a DVB-T/DVB-S stick. **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 within a few clicks. **Audio Station** comes with built-in lyrics plugin, Internet radio and lossless audio formats support and provides music playback via DLNA, AirPlay®, and Bluetooth devices (A Bluetooth dongle is required).

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 DS216play. 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 DS216play content with **DS file** whenever required.

DLNA-certified Media Server

As a ready DLNA DMS (Digital Media Server), DS216play comes with the capability to host digital multimedia contents for remote playback. Once configured in your network, DS216play is able to stream music, photos and videos to DLNA-compliant devices, 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 to designate a DLNA player within the same local network for audio playback.

use-IP
www.use-ip.co.uk
01304 827609

Wireless Multimedia Streaming

DS216play turns your living room into a multimedia entertainment center.

Anytime Availability

Access your DiskStation anywhere using Synology mobile apps.

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, **Synology EZ-Internet Wizard** simplifies the process of setting up access to DS216play from the Internet by walking through all of network settings including firewall, port-forwarding, PPPoE setup and DDNS registration. **Synology Hybrid RAID** allows you to reach maximum use of your hard drive while keeping your storage safe with data redundancy.

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 **multi-tasking web UI** allows you to run multiple applications simultaneously on one browser tab and switch between them instantly. 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.

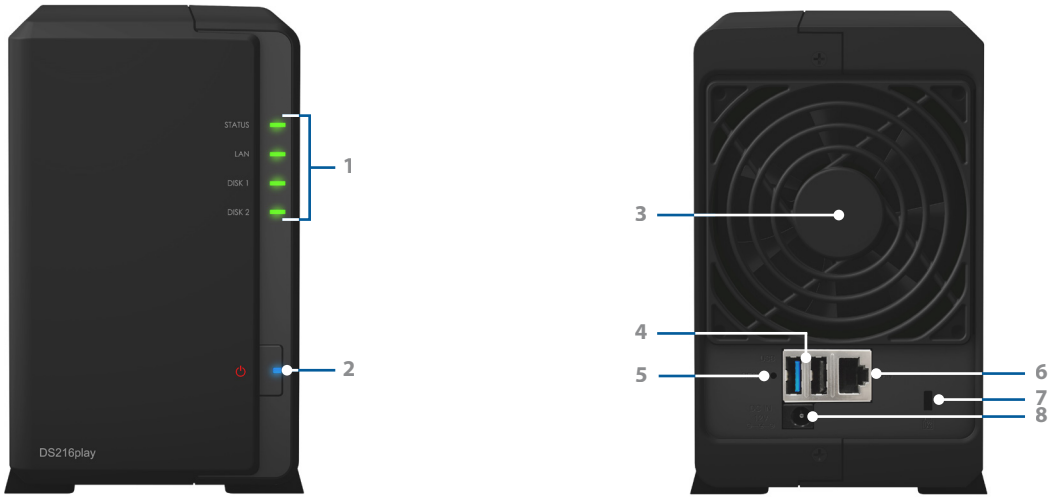
The built-in **Package Center** allows you to download and install the packages designed specifically for your unique needs, whether it's sharing files on the cloud, sharing photos on an online album, or setting up a VPN environment. All will happen with just a few clicks.

Energy Efficient with Cool and Quiet Design

Synology DS216play is designed with energy efficiency in mind. Compared with its average PC counterpart, Synology DS216play consumes relatively little power at 15.08 watts while accessing and 6.83 watts when hard drive hibernation is enabled. The scheduled power on/off feature further reduces 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 indicator	2	Power button	3	Fan	4	USB 3.0 port (blue) / 2.0 port (black)
5	Reset button	6	Gigabit (RJ-45) LAN port	7	Kensington Security Slot	8	Power port

Technical Specifications

Hardware

CPU	STM STiH412 dual-core 1.5GHz
Floating point unit	Yes
Hardware encryption engine	Yes
Hardware transcoding engine	Yes; Supported codec: MPEG-4 Part 2 (XVID, DIVX5), MPEG-2, VC-1, H.265 (HEVC); Maximum resolution: 4K (3840 x 2160); Maximum frame rate per second (FPS): 30
RAM size	DDR3 1GB
Compatible drive type	3.5"/2.5" SATA III/II x 2 (Hard drives not included. Disk holders are required for 2.5" drives.)
Maximum internal raw capacity	16TB (8TB HDD x 2) (The actual capacity will differ according to volume types.)
External ports	USB 3.0 port x 1, USB 2.0 port x 1
Size (HxWxD)	165 mm x 100 mm x 225.5 mm
Weight	880g
LAN	Gigabit (RJ-45) x 1
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 40°C (40°F to 104°F)
Storage temperature	-20°C to 60°C (-5°F to 140°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	Maximum single volume size: 16TB, Maximum internal volume: 256, Maximum iSCSI Target: 10, Maximum iSCSI LUN: 10
Supported RAID type	Synology Hybrid RAID (SHR), Basic, JBOD, RAID 0, RAID 1
File sharing capability	Maximum user account: 2048, Maximum group: 256, Maximum shared folder: 256, Maximum concurrent CIFS/AFP/FTP/File Station connection: 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, Cloud Station, Photo Station Uploader, Evidence Integrity Authenticator
Supported clients	Windows XP onwards, Mac OS X® 10.7 onwards, Ubuntu 12 onwards
Supported browsers	Chrome™, Firefox®, Internet Explorer® 8 onwards, Safari® 7 onwards, Safari (iOS® 7 onwards on iPad®), Chrome (Android 4.0 onwards 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, Windows ACL editor, compress/extract archived files, bandwidth control for specific users or groups, create sharing links, transfer logs
Backup solutions	Network backup; local backup; desktop backup; configuration backup; OS X Time Machine; backup data to public cloud; shared folder sync - maximum task number: 4
Mail Server	Supported Mail Server protocols: POP3, SMTP, IMAP, support LDAP/AD account
FTP Server	Bandwidth control for TCP connections, custom FTP passive port range, anonymous FTP, FTP SSL/TLS and SFTP protocols, boot over the network with TFTP and PXE support, transfer logs
Web Station	Virtual host (up to 30 websites), PHP/MariaDB®, 3rd-party applications support
Printer Server	Maximum printer: 2, printing protocols: LPR, CIFS, IPP, iOS printing, Google Cloud Print™, multi functional print server (MFP functions are for Windows PC only)
Storage Analyzer	Volume and quota usage, total size of files, volume usage and trends based on past usage, size of shared folders, largest/most/least frequently modified files
Security Advisor	Malware detection/removal, user account/password, network, system-related security scan
Log Center	SSL connection, log rotation: 6 months, 1 year, 2 years, 3 years, email notification
iOS/Android™ applications	DS cloud, DS file, DS finder, DS cam, DS note, DS audio, DS download, DS photo, DS video
Windows Phone® applications	DS file, DS finder, DS audio, DS download, DS photo, DS video

Add-on Packages

Surveillance Station	Maximum IP camera: 15 (total of 450 FPS at 720p, H.264) (Including two free camera licenses. Procurement of additional licenses is required.)
VPN Server	Maximum connections: 15; supported VPN protocols: 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
Cloud Station	Maximum concurrent file transfers: 256, retain historical and deleted file versions
Cloud Sync	One or two-way synchronization with public cloud storage providers including Amazon Cloud Drive, Amazon S3-compatible storage, Baiduyun, Box, Dropbox, Google Cloud Storage, Google Drive, hubiC, Megafon Disk, Microsoft OneDrive, OpenStack Swift-compatible storage, WebDAV servers, Yandex Disk
DLNA/UPnP® Media Server	DLNA certified, PS3®/PS4®/Xbox 360®/Xbox One® support
Note Station	Rich-text note organization with versioning, encryption, sharing, media embedding and attachments
Download Station	Supported download protocols: BT/HTTP/FTP/NZB/eMule Maximum concurrent download task: 50
Other packages	Photo Station, Audio Station, iTunes® Server, 3rd-party packages

Environment and Packaging

Environment	RoHS Compliant
Package content	DS216play main unit, Welcome note, accessory pack, AC power adapter, RJ-45 LAN cable
Optional accessories	Camera License Pack, VS360HD, 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. 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.

Copyright © 2015, Synology Inc. All rights reserved. Synology, the Synology logo are trademarks or registered trademarks of Synology Inc. Other product and company names mentioned herein may be trademarks of their respective companies. Synology may make changes to specification and product descriptions at anytime, without notice. Printed in Taiwan.

DS216play-2015-ENU-REV002

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

China
Synology Shanghai
20070, Room 516, No. 638,
Hengfeng Rd., Zhabei Dist.,
Shanghai, China

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

North & South America
Synology America Corp.
3535 Factoria Blvd SE #200,
Bellevue, WA 98006, USA
Tel: +1 425 818 1587

United Kingdom
Synology UK Ltd.
Unit C, Denbigh West Business Park,
Third Avenue, Bletchley,
Milton Keynes, MK1 1DH, UK
Tel: +44 1908 366380

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