ComX Computers
Product Specification Sheet

SYN-DS415LAY

Synology DiskStation DS415PLAY 4-Bay Network Attached Drive

Product Overview

Synology DiskStation DS415PLAY - 4-Bay, SATA3 6.0Gbps, 1.6GHz Dual Core CPU, 1GB DDR3 RAM, 1x Gigabit, 1x USB2.0, 2x USB3.0, 1x eSATA Port, 8.0TB Max (Drives Not Included)



Specifications

Overview:

Optimized for multimedia processing, DS415play features 1080p Full HD video transcoding, delivering on-demand Full HD transcoding to guarantee seamless streaming experiences.

Features:

1080p Full HD video transcoding
Powered by a hardware accelerated transcoding engine, DS415play features 1080p Full HD video transcoding on the fly, effortlessly sharing videos with your smart TV, network media player, mobile devices, and PC. DS415play also supports multi-channel streaming, letting family members enjoy movies in different rooms.

Dual core CPU with floating-point unit enhances media processing
DS415play comes with dual core CPU and 1GB RAM, delivering an average 112.45 MB/sec reading and 101.21 MB/sec writing speed under RAID 5 configuration in a Windows® environment. The built-in floating-point unit not only enhances the overall capability of the main CPU, but is particularly advantageous in speeding up thumbnail creation when uploading large amounts of photos or videos.

Support for up-to-date storage interfaces
DS415play comes with the external interfaces you need - up to three USB 2.0 ports to power multiple peripheral devices concurrently, and another two USB 3.0 ports for high speed external storage exchange.

DLNA Certified® media server
As a DLNA Certified® DMS (Digital Media Server), DS415play can serve as your primary media server, with the capability to host digital multimedia content for local or remote playback. Once connected to a router, DS415play streams music, photos, and videos to DLNA-compliant devices, such as DLNA TVs or gaming consoles without any pre-configuration. You can even browse and select content on DS415play using DS audio and designate a DLNA player within the same local network to play it.

Easy hard drive installation
Designed with both safety and convenience in mind, DS415play contains tool-less hard drive trays, allowing you to install 3.5" hard drives without a screw driver. Meanwhile, DS415play supports hot-swappable hard drive trays for instant and risk-free hard disk replacement.

Award winning OS - DiskStation Manager
Synology DiskStation Manager (DSM) is a sleek, browser-based operating system running on every DiskStation and RackStation, which makes managing your Synology NAS a breeze. Featuring an intuitive user interface, DSM makes accessing and sharing your data smarter and simpler. Synology's Package Center lets you download and install useful add-on packages designed specifically for individual or business needs, meaning you can enjoy more entertainment in your life or better productivity at work.

Ultimate file center
File Station is a fast and secure feature for sharing and managing your files stored on DS415play. Just drag-n-drop and upload data from Mac or PC. Advanced filters make it easy to search for documents, photos, or videos. With built-in FTP or email clients, DS415play lets you organize and share files through an advanced web application effortlessly. You can even share files and folders with others by simply sending a link. Files can be reached on mobile devices via the companion mobile app DS file. HTTPS, SSL/TSL encryption, and link expiry dates also ensure file sharing over the Internet is highly secure.

Connect your data quickly and easily
Synology aims to provide you the most convenient way to enjoy all services on DS415play. With Synology QuickConnect, you don't have to deal with difficult DDNS setup. QuickConnect frees you from complicated router configuration and port-forwarding, so your entertainment and work files can be accessed on any computer, laptop, or mobile devices instantly without extra charge.

Effective backup solution
Synology DS415play can serve as a centralized backup target. Whether you are a Windows or Mac user, you can back up everything on your computer directly to Synology NAS using Cloud Station. Whenever you modify a file, the changes are backed up to DS415play automatically. Mac users also enjoy native Apple® Time Machine support. You can also back up data from your DS415play to another DiskStation, rsync servers, external drives, or even Amazon® S3, Glacier cloud service, Microsoft Azure, SFR, and hicloud. "Backup & Replication" allows you to schedule backup tasks and restore the server to any particular point in time, while minimizing storage consumption and processing time by saving only the specific data block that has been changed between versions.

Your files anywhere with cloud service
DS415play brings you comprehensive cloud service. Cloud Station lets you sync files among DiskStations and multiple devices, including Windows PC, Mac, Linux, iOS, Android, as well as Windows mobile devices, whereas 2-way sync allows file synchronization among different DiskStations. You can even sync your DiskStation with Google Drive, OneDrive, Dropbox, Box, hubiC, and Baidu Cloud - establish your hybrid cloud to enjoy more storage flexibility and prevent data loss.

The most compatible sharing
Enjoy seamless files sharing across Windows®, Mac®, and Linux® platforms as DS415play offers comprehensive network protocol support including FTP, SMB2, AFP, NFS and WebDAV. With Windows AD and LDAP integration, DS415play can fit effortlessly into any existing network environment - there is no need for IT administrators to maintain two sets of credentials. You also won't worry about missing files with the Recycle Bin feature which is supported on AFP, CIFS, File Station, and WebDAV. All files deleted in a shared folder will be automatically moved into the Recycle Bin.

Enjoy multimedia library
DS415play provides you a central platform to organize, backup, and share photos, music, and video collections. Featuring a streamlined and sleek interface, Synology packages - Photo Station, Audio Station and Video Station - let you build a seamless entertainment hub effortlessly. Since everything is saved on DS415play, you can enjoy more customizable content arrangement, and no worries about extra monthly fees for storage capacity. Better yet, your digital collections can be shared

with others via a simple link.

Stream content to your TV
DS415play is highly compatible with other devices, letting you manage and enjoy digital content with the devices you already have: computers, mobile devices, TVs, DLNA devices, and stereos. Synology offers the latest support for TV streaming, including Samsung TV, Roku players, Apple TV, and Google Chromecast, meaning you can stream digital content stored on DS415play to your widescreen TV effortlessly.

Get mobility with our apps
Synology develops versatile mobile apps - DS note, DS audio, DS video, DS photo , DS cloud, DS file, DS download and DS cam - allowing you to access and manage the contents of your DS415play with smartphones and tablets. QuickConnect brings an easier network experience as it eliminates complicated router configuration or port forwarding. With Synology mobile apps, your multimedia collection and work files are always on the go.

Eco-friendly NAS server
All Synology NAS is designed with energy efficiency in mind. DS415play only consumes 16.84W in HDD Hibernation and 27.33W in access*. With special fan and the smart airflow design, the DS415play keeps the system running cool 24/7, while its noise dampening design makes it quieter than PC counterparts. Synology acknowledges the responsibility as a global citizen, so all Synology products are produced with RoHS compliant parts and packed with recyclable packing materials.

Specifications:

CPU	
CPU Model	INTEL Atom CE5335
CPU Frequency	Dual Core 1.6 GHz
Floating Point	Yes
Hardware Transcoding Engine	H.264 (AVC), MPEG-4 Part 2, MPEG-2, VC-1
Memory	
System Memory	1 GB DDR3
Storage	
Drive Bay(s)	4
Compatible Drive Type	3.5" SATA(III) / SATA(II) HDD
	2.5" SATA(III) / SATA(II) HDD
	2.5" SATA(III) / SATA(II) SSD
Maximum Internal Raw Capacity	24 TB (6 TB HDD X 4) (Capacity may vary by RAID types)
Hot Swappable Drive	Yes
External Ports	
USB 2.0 Port	3
USB 3.0 Port	2
File System	
Internal Drives	EXT4

External Drives	EXT4
	EXT3
	FAT
	NTFS
	HFS
Appearance	
Size (Height X Width X Depth)	165 mm X 203 mm X 233.2 mm
Weight	2.03 kg
Others	
RJ-45 1GbE LAN Port	1
Wake on LAN/WAN	Yes
System Fan	92 mm X 92 mm X 2 pcs
Wireless Support (dongle)	Yes
Noise Level	20.0 dB(A)
Power Recovery	Yes
Scheduled Power On/Off	Yes
Power Supply Unit / Adapter	90W
AC Input Power Voltage	100V to 240V AC
Power Frequency	50/60 HZ, Single Phase
Environment Temperature	
Operating Temperature	5 degreesC to 35 degreesC (40 degreesF to 95 degreesF)
Storage Temperature	-20 degreesC to 60 degreesC (-5 degreesF to 140 degreesF)
Relative Humidity	5% to 95% RH
Certification	FCC Class B
	CE Class B
	BSMI Class B
Storage Management	
Maximum Single Volume Size	16 TB
Maximum Internal Volume Number	256
Maximum iSCSI Target Number	10
Maximum iSCSI LUN	10

Supported RAID Type	Synology Hybrid RAID
	Basic
	JBOD
	RAID 0
	RAID 1
	RAID 5
	RAID 6
	RAID 10
RAID Migration	Basic to RAID 1
	Basic to RAID 5
	RAID 1 to RAID 5
	RAID 5 to RAID 6
Volume Expansion with Larger HDDs	Synology Hybrid RAID
	RAID 1
	RAID 5
	RAID 6
Volume Expansion by Adding a HDD	Synology Hybrid RAID
	RAID 5
	JBOD
Global Hot Spare Supported RAID Type	Synology Hybrid RAID
	RAID 1
	RAID 5
SSD Support	
SSD TRIM	Yes
File Sharing Capacity	
Maximum User Accounts	2048
Maximum Groups	256
Maximum Shared Folder	256
Maximum Shared Folder Sync Tasks	4
Maximum Concurrent CIFS/AFP/FTP Connections	256
Windows Access Control List (ACL) Integration	Yes
NFS Kerberos Authentication	Yes
Log Center	Yes
Syslog Events per Second	400

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page:
https://www.comx-computers.co.za/SYN-DS415LAY-Synology-DiskStation-DS415PLAY-4-Bay-Network-Attached-Drive-p-117458.php

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