



## DiskStation DS213air

Synology® DiskStation DS213air is a one stop solution for wireless sharing, web applications and centralized storage. Specifically designed for small office and home users who need the convenient solution of wireless sharing capability with full-featured network attached storage, to share and protect data cost-effectively, while increasing productivity with comprehensive office applications.

### Highlights

- **Built-in WiFi for Wireless Environment**
- **Features SuperSpeed USB 3.0**
- **Cool and Quiet Design**
- **Hassle-free System Installation with Mobile Devices**
- **Running on Synology DiskStation Manager (DSM)**

### Simplify Network with One Device

Synology DS213air is not only a NAS, with built-in Wi-Fi® adaptor, DS213air can serve as a wireless access point and provide Wi-Fi coverage in hard to reach locations such as rooms too far away from the router, or different floors. The included software components make it easy to build a fast, robust and secure wireless IP network from scratch. The DS213air is all the gear needed for your home/office wireless networking environments, plus terabytes of storage and cloud applications.

### Build Your Own Cloud

With Synology DS213air, you can centralize and share up to 8TB of data and files with coworkers and friends. If you find this way of managing files useful, you can have your own cloud by using Cloud Station to access and sync files across different computers. There is no need to configure a router to remote access the DS213air, by using Synology's ezCloud, you can easily extend coverage to the Internet.

Manage your files on your Synology DS213air with File Browser which provides browser based file navigation on your DiskStation, allowing you to copy, move, delete, rename, upload, or download files without boundaries.

If you are always on the move, Synology provides a handy app, DS file for iPhone®, iPad® and Android™ users. Anything stored on Synology DS213air can now be accessed remotely using DS file via the Internet.

### Optimal Price/Performance Ratio

Synology DS213air delivers an average 108.07 MB/sec reading speed under RAID 1 configuration in a Windows® environment, and 58.66 MB/sec writing<sup>1</sup>. DiskStation DS213air provides a reliable solution for data sharing with an easy to use interface, and comprehensive office applications, including a complete backup solution making it one of the best values in 2-bay NAS devices available today.

Coming with USB 3.0 support which offers transmission speeds of up to 5 Gbps, namely 10 times faster than USB 2.0, DS213air takes less time for data transfer for external hard drives and consumes less power.



**Figure 1) Wireless Hotspot**

Provides the WiFi ability to your network.



**Figure 2) Wireless Router**

DS213air can be the sole networking device to all wireless clients in your surrounding.



**Figure 3) Join Wireless Network**

DS213air can be placed wirelessly for hard to reach locations, joining your network as a WiFi client.

## Multimedia Center at Home

DS213air brings innovative and enjoyable multimedia entertainment to your home. Enjoy sound and sensation while enriching your life with personal online albums and blog services. Your social life just gets better. The iPad®, iPhone® and Android™ App, DS audio, allows DiskStation users to stream music stored on DiskStation with their mobile devices wherever Internet access is available.

Media Server allows you to stream multimedia files with a DLNA/UPnP® compatible Digital Media Adapter (DMA) to a stereo system or a TV-set. Sony® PlayStation® 3 and Microsoft® Xbox 360 are also supported.

iTunes® Server is an easy way to share music with other iTunes® clients over the network. You can use iTunes® as a multimedia player to browse and play music stored on your Synology DiskStation.

## Back Up Your Precious Data

Desktop backup provides Windows® PC users with the Synology Data Replicator for backing up desktop data to their DiskStation, while Mac OS X® users can use Apple® Time Machine® to back up their critical data to DiskStation.

Server backup includes several alternatives: Local Backup and Network Backup. You can back up data in shared folders or sub-folders and choose between incremental backup options or other flexible scheduling choices. All can be easily configured with a step-by-step wizard to make it simple to create an automated backup solution.

## Hassle-free System Installation with Mobile Devices

Web Assistant is a web-based utility to make DS213air as easy to install as possible. It is even possible to install the whole system just with mobile device, 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.

## Peace of Mind with Data Encryption

The Synology DS213air is equipped with an encryption engine which offloads the encryption calculation task away from the main CPU, helping to improve file transfer speeds of the DiskStation.

Data protection is an important matter for businesses of all sizes. High-end features previously available only on enterprise level hardware are now accessible via Synology DS213air to small and medium-sized businesses. DS213air provides share-level AES 256-bit encryption to aid in the prevention of unauthorized access attempts to the hard drives.

## Energy Efficient Design

Synology DS213air is designed with energy efficiency in mind. Not only does it provide a 92x92 mm fan and the better airflow to keep the system running cool 24/7, its noise dampening design makes it really quiet compared to PC counterparts. Synology DS213air consumes only 22.44 watts in operation, and its unique Scheduled Power On/Off feature lowers the power consumption to minimum.

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 Kirkwood 1.6GHz
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	8TB (2X 4TB hard drives) (The actual capacity will differ according to volume types.)
External Storage Interface	2X USB 3.0 ports
Size (HxWxD)	165mm X 100mm X 225.5mm
Weight	0.94kg
LAN	1X Gigabit
Wake on LAN/WAN	Yes
Noise Level <sup>2</sup>	19.0 dB(A)
AC Input Power Voltage	100V to 240V
Power Frequency	50Hz to 60Hz, Single Phase
Power Consumption <sup>3</sup>	22.44 W (Access); 5.76 W (HDD Hibernation)
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

### Wireless

Operating Frequency	2.4 GHz
Standards	IEEE 802.11b/g/n
Wireless Security	WPA/WPA2-PSK, Wi-Fi Protected Setup (WPS), Wired Equivalent Privacy (WEP)
Firewall	NAT firewall with up to 100 rules
Quality of Service (QoS)	WiFi Multimedia standard (WMM) ensures smooth audio and video transmission
Filtering	Deny/Allow by MAC address

### 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, Configuraiton Backup, USBCopy/SDCopy
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 AirPrint™, Google Cloud Print™, Multi Functional Print Server (MFP functions are for Windows® PC only)
iOS/Android™ Applications	DS photo+, DS audio, DS cam, DS file, DS finder
Windows Phone Applications	DS finder

## Add-on Packages

Surveillance Station	Default IP cam #: 1, MAX IP cam # (licenses required): 8 (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™
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 Notificaiton
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, Retain Historical and Deleted File Versions
DLNA®/UPnP® Media Server	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, iTunes® Server, 3rd-Party Packages

## General

Networking Protocols	CIFS, AFP, NFS, FTP, WebDAV, CalDAV, iSCSI, Telnet, SSH, SNMP, VPN (PPTP, OpenVPN™)
File System	EXT4, EXT3 (External Disk Only), FAT (External Disk Only), NTFS (External Disk 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 : 128
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
Supported Clients	Windows XP onward, Mac OS X 10.5 onward, Ubuntu 9.04 onward
Support Browsers	Chrome, Internet Explorer®: 8, 9, Firefox®, Safari® (Mac): 5
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

## Environment and Packaging

Environment	RoHS Compliant
Package Content	DS213air Main Unit, Installation Disc, Welcome Note, Assembling Kit, AC Power Cord, AC Power Adapter, RJ-45 LAN Cable X1
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. Testing conducted using Ethernet cable. The performance figures could vary on different environments.
2. Fully loaded with Seagate® ST31000520AS hard drive(s) in operation; Two G.R.A.S. Type 40AE microphones, each set up at 1 meter away from the DiskStation front and rear; Background noise: 17.1 dB(A); Temperature: 24.2°C; Humidity: 63%; More details about dB(A) value, check <http://www.memtechacoustical.com/facts.asp>
3. Measured with 2 Western Digital® 3TB WD30EZRS hard drives. The 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.

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