

Synology DS-101 Disk Station

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[Synology Disk Station DS-101g+ \(SATA Edition\) ... WWW](#)



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NAS APPLIANCES | LABS

LABS VERDICT

All the features you'd want from an entry-level NAS appliance. It isn't the cheapest, but the premium is well worth paying.

Performance	★★★★☆
Features & Design	★★★★★
Value	★★★★☆

OVERALL ★★★★★

Synology Disk Station 101g+

PRICE: \$528
SUPPLIER: www.compucon.com.au

Synology isn't a well-known brand, but that hasn't stopped the Disk Station from winning this Labs. Although more expensive than others, especially considering the 300GB capacity, it offers everything you could want from a NAS appliance. For a start, it acts a network device (7 SATA when fully loaded) and the upgrade from basic means the feature factor means the feature factor means the feature factor. However, the real attraction are the functions on offer. The Disk Station is on your network, serving files to Windows and Mac clients, and it can also be your web server, FTP server, print server and photo server. Plus, you can connect an additional USB disk to one of the six USB ports and use it either as extra storage or to back up the contents of the Disk Station at intervals chosen by you. There's also a handy front USB port for plugging in a USB flash drive, digital camera or single

card reader – push the Copy button and the contents are copied onto the hard disk inside. At a file server the Disk Station allows you to create up to 120 individual user accounts, 64 groups and up to 100 shares. Public, Web and photo shares are already created, and the well-designed web application (which runs from the CD) leads the Disk Station steps you through the initial setup and asks you whether you want to mount each share as a network drive in Windows. The web browser is also well designed and lets you manage the device over a network easily. You can choose options such as when the disk space becomes full or any errors. A unique feature is the eSATA port on the rear, which lets you add storage via an external Serial ATA disk.

Next to this is a Gigaset Ethernet connection, but we found transfer rates were similar to the 10/100 devices on test. Write speed averaged at 8.3MB/s, while read speed was quicker at 8.7MB/s. If we have one gripe with the Disk Station, it's the one-year warranty – most other manufacturers offer double this. And it's true that we've performed an internal PSU – like the Buffalo – but this is a common complaint this month. Ultimately, the Disk Station's features and performance make it well worth the price and, if its capacity isn't enough, you can opt for the better-value 300GB version for \$636 or even 300GB for \$744.

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- STORE & SHARE FILES
- AUTOMATIC BACKUP
- USB PRINTER SHARE



- USB DRIVE SHARE
- USB MEMORY CAPTURE
- Network Attached
- Portable
- Always Available



Disk Station At A Glance

STAND ALONE

Built-in server intelligence.
No need to power up a PC.
Quiet running (fanless).
Small and easily portable.



NETWORK ATTACHED

Available to every PC on the network – Windows and Mac.
Security settings protect access.



INTERNET ACCESS

Accessible across the Internet via FTP (using fixed IP address).



AUTOMATIC BACKUP

Automatic Backup for all PCs on the network.
Automatic backup of Notebook PCs when attached to the network.

BUILT-IN HARD DRIVE

Large storage capacity.
Various sizes available.
Standard IDE technology: easy to upgrade.



MULTIPLE USB CONNECTIONS

USB MEMORY

Share data in flash memory drives, USB cameras, etc.

One-button stand-alone copy – automatically copies all data in USB device for access by any networked PC when convenient.



USB HARD DRIVES

Extended storage capacity.
Instantly share portable data with every networked PC.
Backup internal hard drive data and store safely off-site.



USB PRINTER

Share a printer and print at any time with any networked PC.



Introduction

DS-101 Disk Station is a file server. With DS-101 Disk Station, you can not only store files on it, but also share files throughout the network. You can store data like documents, art works, spreadsheets, presentation slides, mails, photos, recorded videos, and music files on DS-101 Disk Station, and then share them with your co-workers or home members. Besides, there are three USB 2.0 ports on DS-101 Disk Station. You can use them to connect DS-101 Disk Station to a USB Hard Disk Drive (HDD) to expand your storage capacity. You can also use them to copy data from various digital devices, like USB memory or digital cameras. The most convenient is that it's PC-free. You don't even need to turn on your computer, and you can use your digital device right after you copy the data to DS-101 Disk Station.

DS-101 Disk Station is also a backup server. With Synology Data Replicator, DS-101 Disk Station will backup files automatically. To avoid losing files, you can also backup the data from DS-101 Disk Station to other USB HDD. DS-101 Disk Station provides free utility to PC clients connected to it. For people like designers, doctors, architects, accountants, and sales or higher executives, it's very important to have files backup. However, it may not always be easy to backup files for it might take lots of time. Therefore, let DS-101 Disk Station help you. It offers real time or automatically file backup function. It's your complete backup solution.

DS-101 Disk Station is even a print server as well. With the USB printer sharing function, you can save your time, money, and space because the USB shared printer will support all of the office or home users. The only thing you have to do is to connect the printer to DS-101 Disk Station, and everyone can print out files with DS-101 Disk Station throughout the network.

More than a 3-in-1 server, DS-101 Disk Station also offers FTP service. You can use the FTP service to upload and download files directly from the Web management Graphic User Interface (GUI) of DS-101 Disk Station. By the FTP service, you can share all kinds of data with your friends on the Internet. For business people, you don't need to carry the data you need with you, but use FTP to put it on the Internet, and you can open it anywhere with the Internet.

DS-101 Disk Station will definitely be an extremely useful tool for SOHO or home user like you. With DS-101 Disk Station, it will be convenient to store, share, backup, and print files. It is easy to install and operate, and noise free while in use. With the least cost, you can have the most performance. You are surely already reaping the benefits of Synology DS-101 Disk Station.

Applications

Small Office and Home Office

Small business users, such as accountants, art designers, dentists, lawyers, and real-estate brokers often store years of valuable client information on their Windows or Mac PC hard drives without doing any backup or redundancy. However, chances are that all the business data might be lost someday and cause users a great trouble. DS-101 Disk Station allows Windows and Macintosh clients to store, share, backup and print files for your multiple demands.

Due to the limited budget of small office/home office (SOHO) and home users, it is hard to choose a server at an affordable cost yet with high performance and expandability. SOHO users might also consider factors, such as being easy to install and manage, reliable, noiseless, supporting to multiple functions, scalable, able to serve as a print server, and direct input provided. Here Synology are happy to tell you that with DS-101 Disk Station, you are already embracing these benefits mentioned above.

For those SOHO and home users, DS-101 Disk Station is a cost effective and complete solution to their server requirements. Even if small business and home offices have already had an expensive server installed, when the server storage is full, the low cost DS-101 Disk Station is still an ideal and quick solution for storage expansion.

Educational Market

Students in small classes can use DS-101 Disk Station to store, share, exchange, backup and print files in school at a very low cost. Schools can have useful DS-101 Disk Station to enrich facilities without huge investment.

Home User

The increasing holding of residential broadband and use of digital multimedia in music, videos and still images has contributed to the growing need of large-capacity storage systems. To enrich your digital life at home, you may have DS-101 Disk Station store thousands of MP3 music files downloaded from the Internet. Family members can then share and backup MP3 music files and play them on their own PC all day long through a home network. Moreover you may even share digital photos and still images (image files) with friends and family.

DS-101 Disk Station is easy to install, configure, and operate for home users. It can serve as your network's DHCP server. There is a copy switch on the front panel. You just need to press the front panel copy button to save pictures, videos, image files and data onto DS-101 Disk Station. It's easy and quick.

ISP

With a fixed IP address, an ISP service provider can use DS-101 Disk Station to pre-load video, image, and multimedia files from an ISP service center to the user during their free time, thus to reduce the network transmission load at a busy hour.

Private Backup for Business People

DS-101 Disk Station relieves your notebook and desktop backup headaches. Free Data Replicator software provides constant backup of Windows PC and Notebook files. Notebook files are backed up to local drives while disconnected from the network, then they are automatically saved to DS-101 Disk Station when the notebook is reconnected to the network.

Portable Storage

Because of being small and lightweight, DS-101 Disk Station is a portable device allowing users to bring or move their data center to their customer's site for business presentations, data storage, data sharing and printer sharing.

Specifications

Networking			
Network Types	Network File Protocols	Protocols	Client types
Microsoft network	CIFS, SMB	TCP/IP	Windows 98, ME, NT 4.0, 2000, XP
Apple Macintosh network	AFP	AppleTalk, TCP/IP	Apple Macintosh 7.x, 8.x, 9.x, OS X
LAN port setting			
Type		Manual configuration	
		DHCP	
Management			
User/ Group/ Share			
Maximum user number		32	
Maximum group number		4	
Maximum share number		16	
Logs			
Available log type		System log Connection log Current connection	
Encoding			
Available codepage		U.S. English (Code Page 437) Greek (Code Page 737) Western European (Code Page 850) MS-DOS Latin 2 (Code Page 852) Icelandic (Code Page 861) Cyrillic (Code Page 866) Japanese SJIS (Code Page 932) Simplified Chinese (Code Page 936) Korean Hangul (Code Page 949) Traditional Chinese (Code Page 950)	
Miscellaneous			
Online help			
Hard drive usage overview			
Email notification			
Firmware update			
HDD format			
System configuration backup and restore			
Network Time Protocol (NTP) support			
HDD Hibernation			
Usability			
Initialization wizard			
Browse-base management UI			



Top