



Large & Easy

SYNOLOGY DISKSTATION DS1812+

By Chong Jinn Wei

● An increasing number of SMBs are investing in NAS devices for their ability to store large amounts of data reliably while still being able to access it from multiple places. The Synology DiskStation DS1812+ is one such NAS that meets these requirements by providing enough digital storage suitable to store private videos and pictures or even for small businesses that need to store their important data. With its large storage and a number of additional features, users will be able to customize the 1812+ to suit their specific needs.

Among the notable features of the DS1812+ is the DiskStation Manager (DSM) 4.0 which has a clean and easy user interface to manage your data as well as grant users access to this NAS. Besides that, users are



With up to eight HDD slots, storage capacity is quite large



The DiskStation Manager 4.0 is easy to use thanks to its features and large icons

also able to download apps such as Photo Station, Cloud Station and Download Station to assist their needs. DSM 4.0 also comes with a Cloud Station folder which functions as a private cloud that allows users to find and access their files and data wherever they are.

Unlike other NAS devices that require users to select different RAID types, the DS1812+ uses the Synology Hybrid RAID (SHR). The SHR is an automated RAID Management system that allows users that are unfamiliar with different RAID types to easily create a RAID for their HDDs. Unlike traditional RAID, the SHR optimizes each HDD to fully utilize their storage capacity.

Setting up the DS1812+ is quite simple. Just connect the unit to a proper power source and hook it up to your office or home network via a LAN cable. Our review unit took approximately 1 minute 18 seconds to boot up completely. Following that, we installed the Synology Assistant program that was included in the bundled CD to locate and prep the DS1812+ for use.

In order to test the capabilities of the DS1812+, we transferred a 1GB file to the NAS through our office network and timed how long it took to complete its transfer. Our review unit took 2 minutes and 34 seconds to fully transfer the file which is about the average time a NAS usually takes.

Upon closer inspection, the DS1812+ shares a rather large form factor that many other NAS devices have. The exterior uses a matte metal design that gives it a more rugged look and feel. The DS1812+ can hold up to eight HDDs, allowing this NAS to have a rather large storage capacity without needing to expand for some time.

All in all, we found the Synology DS1812+ to be easy to setup while also being customizable enough to meet the needs of users, thanks to its DSM 4.0 which allows them to download apps. The SHR feature even allows users unfamiliar with different

RAID types to optimize their storage needs. If you require a simple NAS to store your private files or business data, the DS1812+ will be able to suit your needs whether it be at home or in the office.

SPECIFICATIONS

CPU	RAID Support	Ports	Hot Swappable HDD	Price
Dual Core 2.13GHz	Synology Hybrid RAID	2x USB3.0, 4x USB2.0, 2x eSATA	Yes	RM3699

Internal HDD/SSD: 8x 3.5" or 2.5" SATA (II)
Memory: DDR3 1GB (Expandable, up to 3GB)
Max Internal Capacity: 32TB (8x 4TB HDD) (Capacity may vary by RAID types)
LAN: 2x Gigabit
Power Frequency: 50/60Hz, Single Phase
Power Consumption: 71.5W (access); 28.6W (HDD Hibernation)
Certification: FCC Class B, CE Class B, BSMI Class B
Power Consumption: 39W (typical)
Dimensions: 157 x 340 x 233 mm
Weight: 5.21kg
Warranty: 3-years
Contact: Build Technology Supply Sdn Bhd
Telephone: (03) 7955 3699
URL: www.synology.com

Available at

PLAZA LOW YAT

Verdict:
8.5



Features: 8.0
Performance: 8.5
Value: 8.5

VERDICT SCORES ARE OUT OF 10.

A robust NAS that's simple to use