

## HS-AFS-H100 Series NAS for Home and Office



### Introduction

Designed for home and office, H100 series NAS (Network Attached Storage) delivers multiple capabilities for customers. It comes with two slots of 2.5-inch HDDs/SSDs, total storage capacity is up to 8 TB, automatic backup solution, and sufficient interfaces. Dual shock-resistant and intelligent heat dissipation features make NAS stable. Users can access and share files via APP anywhere anytime.

### Available Models

HS-AFS-H100

### Features and Functions

- **Huge Capacity**  
Dual-slot design for two 2.5-inch HDDs/SSDs. Storage capacity is up to 8 TB.
- **Automatic Backup**  
Automatic data backup.
- **Sufficient Interfaces for Peripheral**
  - Dual-band wireless network (2.4 GHz and 5 GHz). Transmission speed is up to 433 Mbps.
  - 802.11b/g/n/ac wireless standard.
  - One Gigabit Ethernet interface.
  - USB 3.0 and Type-C 2.0 interfaces.
  - One SD card slot.
- **Remote Access**  
Accessible via mobile APP.
- **Shock-resistant and Heat Dissipation**
  - Dual shock-resistant structure.
  - Adjustable 4-speed fan.
  - Heat dissipation holes.



## Typical Applications



Back up important files to NAS, without worrying about data loss.

Easier data access. All your files are only a few clicks away.

Provide storage capacity for office.  
Protect data on your computers and offer data access when you are on the go.



Access NAS via multiple devices.

Automatically back up your mobile phone photo album when you are home.



## Hardware Specifications

Model		HS-AFS-H100
Processor & Memory	Processor	Marvell Armada 3720
	System type	64-bit
	Processor frequency	Dual-core Cortex™-A53
	Memory	DDR3 512 MB
	Flash memory	128 MB
Storage	HDD/SSD slot	2
	Type	2.5-inch SATA HDD 2.5-inch SATA SSD
	Maximum capacity for NAS	8 TB
	Maximum capacity for a single HDD/SSD	4 TB
Interfaces	SD card slot	1, for SD card with up to 256 GB capacity
	Reset button	1, for network and password resetting
	USB 2.0 interface	1 × Type-C
	USB 3.0 interface	1 × Type-A
	Network interface	1, 10M/100M/1000M self-adaptive Ethernet interface
	Power supply	1, 12 VDC/1.5 A/18 W
Wi-Fi	Built-in Wi-Fi antenna	802.11ac standard, compatible with IEEE 802.11a/b/g/n Dual-band wireless network (2.4GHz and 5GHz) Maximum transmission speed: 433Mbps
Appearance	Color	Grey
	Casing material	ABS (Acrylonitrile Butadiene Styrene) plastic
	Dimensions (H × W × D)	142 × 175 × 90.9 mm (5.6 × 6.9 × 3.6 in)
	Weight (without HDD/SSD)	725 g (1.6 lb)
	LED indicators	Power indicator/status indicator (red/white)
General	Fan dimensions (H × W × D)	40 × 40 × 10 mm (1.6 × 1.6 × 0.4 in)
	Fan mode	Standby, low rotational speed, medium rotational speed, high rotational speed
	Input voltage	100 to 240 VAC
	Current frequency	50/60 Hz
	Consumption	2 × 1 TB HDD: 3.6 W when HDD is sleeping. 7.6 W when HDD is working. 2 × 4 TB HDD: 5.0 W when HDD is sleeping. 9.6 W when HDD is working.
	Operating temperature	0 °C to 45 °C ( 32 °F to 113 °F )
	Storage temperature	-20 °C to +60 °C ( -5 °F to +140 °F )
	Operating humidity	10% to 90% RH
Warranty	Warranty	2 years for NAS. 3 years for HDD/SSD delivered with HDD

## Software Specifications

Operation system		Embedded Linux
File system	File system	EXT4
	Terminal system	Android 4.3 or above iOS 8.0 or above. Compatible with iPhone, iPad, iPod touch
	App language	Chinese, English
	Networking protocol	Samba, CIFS, AFP
	HDD management	HDD sleep, S.M.A.R.T.
	Data security	Automatically deny risky IP address
App task limit	Uploading from terminal to NAS	Maximum: 1
	Downloading from NAS to terminal	Maximum: 1
Picture module	File format	jpg, jpeg, png, ico, gif, bmp
	Thumbnail generation	Supported
	Cache	Supported
Music module	File format	mp3, m4a, wav, wma
	Playback mode	Single loop, sequence, random
	Play in background	Supported
Video module	File format	mp4, mov, avi, rmvb, mkv, wmv, m4v, FLV, VOB
	Remember playback position	Supported. Remember the positions of the last 5 playbacks
Document module	File format	Txt, pdf, doc, docx, xls, xlsx, ppt, pptx
	Cache	Supported
Other	App remote access	Supported
	Auto backup	Mobile phone photo album, mobile phone contact, SD card, USB flash drive
	Data protection	Supported

**Note:** Performance test is carried out in a specific testing environment. Any change of computer system, operation system, hardware, software, or functions will influence the test result.

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