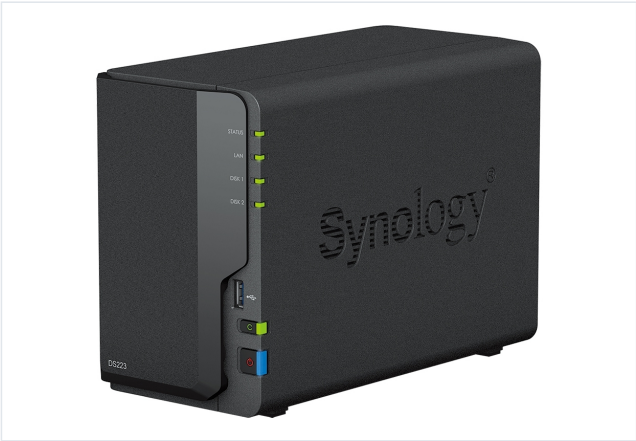


Synology DS223

Synology Diskstation DS223 2 bay Desktop NAS

Product Overview

Synology Diskstation DS223 2 bay Desktop NAS, Realtek RTD1619b Quad Core CPU, 2 GB DDR4 non-ECC system Memory, 2x 3.5" / 2.5" Drive bays, Hot Swappable Drive, 1x RJ-45 1GbE LAN Port, 3x USB 3.2 Gen 1 Port, USB / SD Copy



Specifications

Overview:

DiskStation DS223

Data management platform for home and small office

Get your data under control

Consolidate files from various sources into your own private cloud. The DS223 keeps the process simple and offers everything you need to keep your data safe and organized.

Secure private cloud

Enable anywhere, anytime access to up to 36 TB of data.

Simple backup hub

Create spare copies of your documents and media for easy recovery.

Efficient operation

Keep energy consumption low with just 17.3 W during operation.

Features:

Private cloud made easy

Import data from PCs, Macs, and other external storage devices at a 14% faster rate and keep all your devices in sync for smoother file management.

Access from any device

Get to your files from PC, Mac, Linux, Chromebook, Android, iOS, or any device equipped with a browser. Keep your data private or easily share it using secure links.

Save storage space

Enable on-demand mode to download files onto your Windows PC or Mac only when you access them. Pin the most important ones or the ones you access more frequently for convenient offline accessibility.

Integrate with the cloud

Sync files between your private cloud and public cloud services, including Google Drive, Dropbox, and Microsoft OneDrive. Retain local copies of your cloud data for centralized management and data ownership.

Sync across locations

Say goodbye to long waits while downloading or uploading files. Continuously synchronize content between two Synology devices to enable fast local access at any location, no matter the amount of data.

Your data is in safe hands

Not all data storage is created equal. Synology DiskStation Manager (DSM), the operating system that powers the DS223, leverages the efficient Btrfs file system to protect your data against data corruption and roll back any accidental or malicious changes thanks to the snapshot technology.

Versatile NAS for the modern home

Configure your DS223 to best suit your needs thanks to a host of complete solutions designed for every scenarios.

Photo management

Store and organize photos, albums, and other media with smart and intuitive features. Leverage privacy-focused options to share media securely with friends, family, or colleagues.

Data protection

Safeguard digital memories and important projects with intuitive backup tools.

Automatic media backup

Have photos and videos taken on mobile devices automatically uploaded to your private cloud with Synology Photos or Synology Drive .

Protection against cyberattacks

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Leverage Synology Drive to protect data against ransomware attacks or accidental deletion with real-time or scheduled backups of your computer folders.

Video surveillance

Protect what matters with intuitive monitoring solutions for your home.

Wide compatibility

Connect up to 20 IP cameras by choosing from a wide selection of over 8,300 validated models or ONVIF devices.

Universal access

Watch over your property the way you find most convenient. Watch camera streams through web browsers, desktop clients, or mobile apps. Get notified of events and take immediate action.

Protect your data platform

Add an extra layer of protection to your files with one of the built-in, license-free solutions available to back up your DS223.

Flexible backups

Back up your entire NAS, including system settings and applications, or select specific folders. Secure all backup data to multiple destinations.

Near-continuous protection

Take NAS protection to the next level by creating point-in-time copies of shared folders that can be replicated elsewhere and rapidly restored.

Specifications:

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Specifications	
Product Code	Synology DS223
CPU	
CPU Model	Realtek RTD1619B
CPU Quantity	1
CPU Architecture	64-bit
CPU Frequency	4-core 1.7 GHz
Hardware Encryption Engine	Yes
Memory	
System Memory	2 GB DDR4 non-ECC
Notes	Synology reserves the right to replace memory modules with the same or higher frequency based on supplier's product life cycle status. Rest assured that the compatibility and stability have been strictly verified with the same benchmark to ensure identical performance.
Storage	
Drive Bays	2
Compatible Drive Type* (See all supported drives)	3.5" SATA HDD
	2.5" SATA SSD
Hot Swappable Drive	Yes
Notes	"Compatible drive type" indicates drives that have been tested to be compatible with Synology products. This term does not indicate the maximum connection speed of each drive bay.

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External Ports	
RJ-45 1GbE LAN Port	1
USB 3.2 Gen 1 Port	3
USB / SD Copy	Yes
Notes	This device's 1GbE LAN ports have a maximum transmission unit (MTU) size of 1,500 bytes.
	The USB 3.0 standard was renamed to USB 3.2 Gen 1 by the USB Implementers Forum (USB-IF) in 2019.
File System	
Internal Drives	Btrfs
	EXT4
External Drives	Btrfs
	EXT4
	EXT3
	FAT
	NTFS
	HFS+
	exFAT
Appearance	
Size (Height x Width x Depth)	165 mm x 108 mm x 232.7 mm
Weight	1.28 kg
Others	
System Fan	92 mm x 92 mm x 1 pcs
Fan Speed Mode	Full-Speed Mode
	Cool Mode
	Quiet Mode
Brightness Adjustable Front LED Indicators	Yes
Power Recovery	Yes
Noise Level	14.6 dB(A)
Scheduled Power On / Off	Yes
Wake on LAN / WAN	Yes
Power Supply Unit / Adapter	60 W
AC Input Power Voltage	100V to 240V AC
Power Frequency	50/60 Hz, Single Phase
Power Consumption	17.343 W (Access)
	4.08 W (HDD Hibernation)

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British Thermal Unit	59.19 BTU/hr (Access)
	13.92 BTU/hr (HDD Hibernation)
Notes	For more information on how power consumption is measured, refer to this article.
	Noise testing was conducted with the Synology system fully installed with Synology SATA SSDs and in an idle state. Two G.R.A.S. type 40AE microphones were placed at a 1 m distance from the front and rear of the device. Background noise: 16.49-17.51 dB(A), Temperature: 24.25-25.75 degreesC, Humidity: 58.2-61.8%.
Temperature	
Operating Temperature	0 degreesC to 40 degreesC (32 degreesF to 104 degreesF)
Storage Temperature	-20 degreesC to 60 degreesC (-5 degreesF to 140 degreesF)
Relative Humidity	5% to 95% RH
Certification	
Certification	FCC
	CE
	BSMI
	VCCI
	RCM
	UKCA
	EAC
	CCC
	KC
Environment	
Environment	RoHS Compliant
Packaging Content	
Packaging Content	Main Unit X 1
	Accessory Pack X 1
	AC Power Adapter X 1
	AC Power Cord X 1
	RJ-45 LAN Cable X 1
	Quick Installation Guide X 1

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/Synology-DS223-Synology-Diskstation-DS223-2-bay-Desktop-Buy-p-281132.php>

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