

Synology DiskStation DS423 NAS/storage server

Artikel	130797
Herstellernummer	DS423
EAN	4711174724918
Synology	



Simplify your data management

Secure cloud storage

Flexibly store up to 72 TB of data¹ with 100% ownership and enjoy multi-platform access from anywhere.

Data sharing made easy

Safely share files and media over your private cloud for easier collaboration and better productivity.

Versatile video surveillance

Leverage intuitive surveillance tools to protect your premises and store footage from up to 30 IP cameras.²

Create a private cloud hub for your data

Import and sync data scattered across PCs, Macs, phones, and external storage devices to implement well-organized file management for your business.

Multi-device access

Browse, access, edit, and share files securely and conveniently via desktop, mobile, or web browser platforms. Use intuitive admin tools to track and set file permissions and control access to documents, files, and other data.

On-demand sync

Save space on your personal devices by only synchronizing the files you need from your Synology system. Pin frequently accessed files for convenient offline accessibility.

Cloud integration

Sync your private storage servers with public cloud services such as Google Drive, Dropbox, and Microsoft OneDrive. Retain local copies of your cloud data for centralized management and data ownership.

Cross-platform sharing

Build a private data cloud that syncs and shares files swiftly between multiple storage servers, letting everyone access the same set of data at their convenience.

Safeguard your data

Powered by Synology DiskStation Manager (DSM), the DS423 utilizes Btrfs, a next-generation file system, to secure data against corruption and allows users to roll back any accidental or malicious changes with instantaneous snapshots.

Versatile storage solution for essential needs

Manage and organize photos efficiently, back up and secure your digital data, and safeguard your physical premises with the DS423.

Smart and secure photo management

Store and organize photos, albums, and other media with smart and intuitive features. Back up your memories with the mobile app, and leverage privacy-focused options to share media securely with friends, family, or colleagues.

30%
faster photo indexing

Protect all your data

Safeguard your digital world and back up all your documents, files, photos, and more with license-free backup solutions.

Automatically back up memories and files

Safeguard mobile media such as photos and videos by automatically storing remote copies onto Synology Photos or Synology Drive.

Survive cyberattacks and prevent data leaks

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

Intuitive video surveillance

Secure your home or business with a powerful solution to monitor, archive, and analyze footage centrally.

Wide device compatibility

Connect up to 30 IP cameras by selecting from a wide variety of over 8,300 validated models or ONVIF devices.²

Access from anywhere

Monitor video streams in real time via web browsers, desktop clients, or mobile apps to protect your premises 24/7. Set up alerts and triggers to get notified of suspicious activity.

Intuitive video surveillance

Multi-layered backup solutions

Leverage Synology solutions to back up all data stored on your DS423 onto a secondary server, external storage device, or the cloud.

Flexible off-site backups

Back up your Synology device, including system settings, applications, and shared folders, save space with data deduplication, and store copies to multiple destinations.

Near-instantaneous protection

Create point-in-time snapshots of shared folders and LUNs for added protection of your data. Snapshot Replication enables an RPO as low as 5 minutes and recovery within seconds.

Zusammenfassung

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Synology DiskStation DS423, NAS, Realtek, RTD1619B, Black

Synology DiskStation DS423. Supported storage drive types: HDD & SSD, Supported storage drive interfaces: Serial ATA, Storage drive size: 2.5/3.5". Processor family: Realtek, Processor manufacturer: Realtek, Processor model: RTD1619B. Internal memory: 2 GB, Internal memory type: DDR4, Maximum RAM supported: 6 GB. Ethernet LAN data rates: 10,100,1000 Mbit/s, Copper ethernet cabling technology: 10BASE-T, 100BASE-T, 1000BASE-T, Supported network protocols: SMB1 (CIFS), SMB2, SMB3, NFSv3, NFSv4, NFSv4.1, NFS Kerberized sessions, iSCSI, HTTP, HTTPS, FTP,.... Cooling type: Active, Product colour: Black, Number of fans: 2 fan(s)

Merkmale

Software

Operating system installed	DiskStation Manager
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Technical details

Sustainability certificates	CCC, CE, Federal Communications Commission (FCC), UKCA
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Memory

Internal memory type	DDR4
Maximum RAM supported	6 GB
Internal memory	2 GB

Packaging content

External power adapter	Yes
Cables included	AC, LAN (RJ-45)
Power cables quantity	1

Ports & interfaces

USB port	Yes
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity	2
Ethernet LAN (RJ-45) ports	2

Weight & dimensions

Width	184 mm
Depth	168 mm
Height	230 mm
Weight	2.21 kg

Network

Ethernet LAN	Yes
Ethernet LAN data rates	10,100,1000 Mbit/s
Copper ethernet cabling technology	10BASE-T, 100BASE-T, 1000BASE-T
iSCSI support	Yes
Supported network protocols	SMB1 (CIFS), SMB2, SMB3, NFSv3, NFSv4, NFSv4.1, NFS Kerberized sessions, iSCSI, HTTP, HTTPS, FTP, SNMP, LDAP, CalDAV

Operational conditions

Operating temperature (T-T)	0 - 40 °C
Operating relative humidity (H-H)	5 - 95%
Storage temperature (T-T)	-20 - 60 °C
Storage relative humidity (H-H)	5 - 95%
Operating altitude	0 - 5000 m

Processor

Processor manufacturer	Realtek
Processor family	Realtek
Processor model	RTD1619B
Processor frequency	1.7 GHz
Processor cores	4

Power

Power supply location	External
Power supply unit (PSU) capacity	90 W
Number of power supply units	1
Redundant power supply (RPS) support	No
Power consumption (typical)	32.41 W
Power consumption (sleep)	4.97 W
AC input voltage	100 - 240 V
AC input frequency	50 / 60 Hz

Design

Cooling type	Active
Product colour	Black
Number of fans	2 fan(s)
Fan diameter	8 cm
Fan diameter 2	8 cm
LED indicators	Yes
Built-in display	No
Cable lock slot	Yes
Cable lock slot type	Kensington
Built-in speaker(s)	No

Storage

Supported storage drive interfaces	Serial ATA
Storage drive size	2.5/3.5"
Storage drive sizes supported	2.5,3.5"
Maximum supported storage capacity	108 TB
RAID support	Yes
RAID levels	0, 1, 5, 6, 10, JBOD
Hot-swap drive bays	Yes
Supported file systems	BTRFS, FAT32, HFS+, NTFS, exFAT, ext3, ext4
Storage drives installed	No
Number of storage drives supported	4
Installed storage drive type	No

Supported storage drive types HDD & SSD

Performance

Type	NAS
Device class	Home & Home Office
Backup function	Yes
Backup features	Cloud, iSCSI LUN
Buzzer	Yes
Multilingual support	Yes
Number of users	1024 user(s)
Noise level	22.9 dB
Card reader integrated	No
Security algorithms	HTTPS, SSH, SSH-1.5, SSH-2, SSL/TLS
Access Control List (ACL)	Yes
Reset button	Yes
On/off switch	Yes
Built-in FTP server	Yes
Browser supported	Google Chrome, Firefox, Microsoft Edge, Safari
System log	Yes

Preisänderungen und Irrtümer vorbehalten. Alle Produkte solange der Vorrat reicht.