




Synology DS423 Plus DiskStation User Manual

[Home](#) » [Synology](#) » Synology DS423 Plus DiskStation User Manual 

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Contents

- [1 An all-in-one data management and sharing platform](#)
- [2 Highlights](#)
- [3 Access Your Data Anytime, Anywhere](#)
- [4 Share, Sync, and Collaborate](#)
- [5 Flexible Data Protection Options](#)
- [6 Private Video Surveillance](#)
- [7 Hardware Overview](#)
- [8 Technical Specifications](#)
- [9 Packages and Applications](#)
- [10 Environment and Packaging](#)
- [11 Documents / Resources](#)
 - [11.1 References](#)
- [12 Related Posts](#)

An all-in-one data management and sharing platform

The 4-bay DS423+ is a capable performer with all the tools you need to secure, share, back up, and sync your data and media. Built-in solutions available in Synology DiskStation Manager (DSM) let users create their own private cloud, organize and stream music, video, and photo collections across all devices, seamlessly collaborate with partners, set up an intuitive surveillance system, and more.

Highlights

- **Centralized Data Storage**

Store up to 72 TB of data¹ in one place, maintain 100% data ownership, and enjoy multi-platform access

- **Dependable Performance**

Up to 226/224 MB/s sequential read/write throughput supports stable data transfers²

- **Built-in Data Management Tools**

Leverage built-in file and photo management, data protection, and surveillance solutions

- **Effortless Data Sharing and Syncing**

Access, share, and sync your data and media easily across different operating systems and devices

Access Your Data Anytime, Anywhere

Securely and conveniently store any type of data with the aid of our comprehensive and intuitive [access and management tools](#).

- Access from anywhere directly from your browser without configuring complex port forwarding rules, with Synology QuickConnect
- Browse and manage your files from any browser or through Windows File Explorer, Finder on Mac, and more.
- Keep your photos and videos organized using [Synology Photos](#)' smart sorting functions
- Docker support provides access to a wide range of media management applications available as containers
- Easily incorporate into existing network infrastructure as edge storage thanks to Windows AD and LDAP support

Share, Sync, and Collaborate

Whether sharing photos and videos with family or working on business projects with coworkers around the globe, Synology solutions make sharing, collaboration, and synchronization a breeze.

- Build a private data cloud for easy file management and sharing across all desktop and mobile devices, and keep data on your Synology systems in sync with [Synology Drive](#)
- Synchronize data from and to popular cloud storage platforms with [Synology Cloud Sync](#)
- Securely share photos and videos with family, friends, or business clients using [Synology Photos](#)
- Keep multiple sites in sync by leveraging the power of C2 cloud servers with [Synology Hybrid Share](#).³
Reduce local storage and bandwidth usage by downloading files from the cloud only when needed

Flexible Data Protection Options

Synology DSM comes with host of backup solutions for different scenarios available at no extra cost.

- Centrally set up and manage backups of Windows endpoints, Linux servers, VMware, Hyper-V, Microsoft 365, and Google Workspace with [Active Backup Suite](#)
- Leverage real-time and scheduled backups of your PC folders with [Synology Drive](#) to protect data against ransomware attacks or accidental deletion
- Safeguard photos and videos taken on mobile devices with automatic backups to [Synology Drive](#) or [Synology Photos](#)
- Efficiently back up your entire Synology NAS or select folders to a wide variety of destinations using [Hyper Backup](#)
- Store backups to [C2 Storage](#),³ a dedicated and secure cloud destination powered by Synology C2
- Create point-in-time copies of shared folders that can be replicated to other Synology systems and rapidly restored with [Snapshot Replication](#)

Private Video Surveillance

[Synology Surveillance Station](#) transforms any Synology system into a powerful network video recorder (NVR)

- 8,300+ supported camera models
- ONVIF support for a broader selection of cameras
- Private, subscription-free storage of recordings
- Access through web browsers, desktop clients, and mobile apps
- Event-based rules to trigger specific actions
- Email, SMS, and push notification options
- Simultaneous recording to the cloud with [C2 Surveillance](#) for an extra layer of data protection and more convenient sharing⁴

Hardware Overview



1. Status Indicator
2. Drive Status Indicators
3. Memory Expansion Slot
4. Drive Tray Locks
5. USB 3.2 Gen 1 Port
6. Power Button
7. Drive Trays
8. 1GbE RJ-45 Ports
9. Reset Button
10. USB 3.2 Gen 1 Port
11. Power Port
12. Fans
13. Kensington Security Slot
14. M.2 NVMe SSD Slots

Technical Specifications

Hardware

CPU	Intel® Celeron® J4125
Memory	2 GB DDR4 SODIMM (expandable up to 6 GB) ⁵
Compatible drive types	<ul style="list-style-type: none"> • 4 x 3.5" or 2.5" SATA SSD/HDD (drives not included) • Synology only guarantees full functionality, reliability, and performance for Synology drives listed on the compatibility list. The use of non-validated components may limit certain functionalities and result in data loss and system instability⁶
Hot swappable drives	Yes

External ports	2 x USB 3.2 Gen 1 ports
Form factor	Desktop
Size (HxWxD)	166 x 199 x 223 mm
Weight	2.18 kg
LAN ports	2 x 1GbE RJ-45
Wake on LAN/WAN	Yes
Scheduled power on/off	Yes
System fans	2 x (92 x 92 x 25 mm)
AC input power voltage	100 V to 240 V AC
Power frequency	50/60 Hz, single phase
Operating environment	<ul style="list-style-type: none"> • Temperature: 0°C to 40°C (32°F to 104°F) • Relative humidity: 8% to 80% RH
Storage environment	<ul style="list-style-type: none"> • Temperature: -20°C to 60°C (-5°F to 140°F) • Relative humidity: 5% to 95% RH

[Hybrid Share3](#)
[Presto File Server9](#)
[Cloud Sync](#)
[Universal Search](#)
[Migration Assistant](#)

Multimedia

[Synology Photos](#)
[Video Station](#)
[Audio Station](#)
[iTunes® Server](#)

SAN Storage

[SAN Manager](#)

Surveillance

[Surveillance Station11](#)

Data Protection & Backup Solutions

[Hyper Backup](#)
[Snapshot Replication](#)
[Synology High Availability](#)
[Active Backup for Business](#)
[Active Backup for Google Workspace](#)
[Active Backup for Microsoft 365](#)

Office Productivity

[Synology Office](#)
[Synology Calendar](#)
[Note Station](#)

Management & Administration

[Synology Directory Server](#)
[Central Management System](#)
[VPN Server](#)
[Active Insight11](#)
[Storage Analyzer](#)
[Antivirus Essential](#)
[Web Station](#)
[DNS Server](#)
[RADIUS Server](#)
[Log Center](#)

Others

iOS/Android™ applications
Other packages

Scan the QR code to download the detailed Product Specification sheet <https://sy.to/ds423pdsdcqr>



Environment and Packaging

Environment safety	RoHS compliant
Package contents	<ul style="list-style-type: none">• 1 x DS423+ main unit• 1 x Quick Installation Guide• 1 x Accessory pack• 1 x AC power adapter• 1 x AC power cord• 2 x RJ-45 LAN cable
Optional accessories ¹³	<ul style="list-style-type: none">• DDR4 non-ECC SODIMM: D4NESO-2666-4G• M.2 2280 NVMe SSD: SNV3400 series• 2.5" SATA SSD: SAT5200 series• 3.5" SATA HDD: HAT5300 series• MailPlus License Pack¹⁰• Surveillance Device License Pack¹¹• Extended Warranty: EW201, Extended Warranty Plus¹⁴
Warranty	3 years ^{14,15}

Note: Specifications are subject to change without notice. Please refer to the model's [specifications page](#) for the most up to date information.

1. Raw capacity. Usable storage capacity may vary depending on drives used and RAID configuration.
2. Performance figures obtained through internal testing by Synology.
Actual performance may vary depending on the testing environment, usage, and configuration. See [performance charts](#) for more information.
3. C2 Storage for Hyper Backup and Hybrid Share requires purchase of an eligible [annual or monthly subscription](#). A free trial is available for each newly registered device.
4. C2 Surveillance requires purchase of an eligible annual subscription.
Each additional channel requires a separate subscription. A free trial is available.


5. DS423+ comes with 2 GB DDR4 on board and can support up to 6 GB by adding one optional DDR4 non-ECC 4 GB SO-DIMM memory module.
6. View our [compatibility list](#) for supported drives.
7. System snapshots include snapshots taken by SAN Manager and Snapshot Replication.
8. Synology SNV3400/3410 series M.2 NVMe SSD drives can be installed through the built-in M.2 slots to enable SSD caching or create SSD storage pools. Drives are sold separately
9. Presto File Server license can be purchased separately through the application.
10. Five MailPlus email accounts are included with the DS423+. Additional email accounts can be added with the purchase of Synology MailPlus License Packs. [Learn more](#)
11. Surveillance Station includes two free licenses. Connecting more cameras and devices requires additional licenses. [Learn more](#)
12. Certain advanced features require purchase of an eligible annual subscription. A free trial is available.
13. Please refer to our [compatibility list](#) for the latest optional accessories list.
14. Up to 5 years of warranty are available as an additional bundle with Extended Warranty Plus, a 2-year extended warranty service add-on available in select regions. Check availability for [Extended Warranty Plus](#).
15. The warranty period starts from the date of purchase as stated on your purchase receipt. Visit <https://www.synology.com/company/legal/warranty> for more information.

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Documents / Resources

	Synology DS423 Plus DiskStation [pdf] User Manual DS423 Plus DiskStation, DS423 Plus, DiskStation
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References

- Syno [Legal | Synology Inc.](#)