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## Synology DS423+

# Synology 4-Bay DiskStation DS423+ Instruction Manual

Model: DS423+

## 1. INTRODUCTION

The Synology 4-Bay DiskStation DS423+ is a high-performance Network Attached Storage (NAS) solution designed for data management, sharing, and protection. It provides a robust platform for creating a private cloud, organizing media, collaborating on files, and setting up an intuitive surveillance system.

## 2. KEY FEATURES

- Leverage built-in file and photo management, data protection, and surveillance solutions.
- Access, share, and sync your data and media easily across different operating systems and devices.
- SATA device compatibility only.

## 3. SETUP

### 3.1 Unboxing and Initial Hardware Overview

Upon unboxing your Synology DS423+, you will find the NAS unit, power supply, and network cables. Familiarize yourself with the device's exterior components.



Figure 1: Front view of the Synology DS423+ 4-Bay DiskStation. The unit features four drive bays and LED indicators for status and disk activity.

# Back up your data, wherever it is

Protect scattered data across PCs, VMs, servers, and SaaS

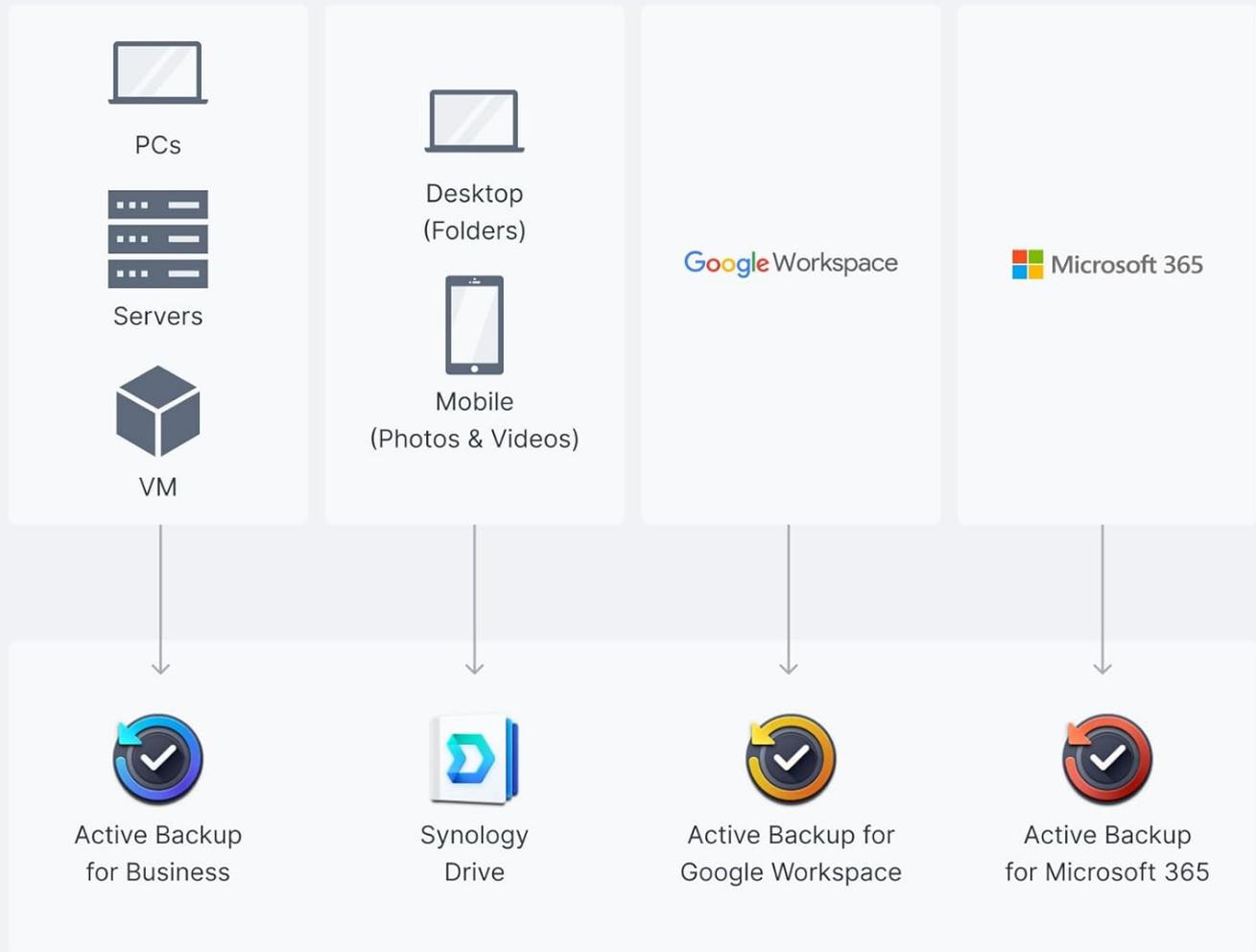


Figure 2: Rear view of the Synology DS423+ 4-Bay DiskStation, showing dual fans, network ports, USB ports, and power input.

## 3.2 Drive Installation

The DS423+ supports SATA drives. To install, gently pull out the drive trays, secure your 3.5-inch or 2.5-inch SATA hard drives or SSDs into the trays, and slide them back into the bays until they click into place. Ensure drives are compatible with Synology NAS systems for optimal performance and reliability.

For detailed guidance on selecting and installing drives, refer to the official Synology video below:

Your browser does not support the video tag.

Video 1: Official Synology guide on compatible HDDs and SSDs for Synology NAS systems. This video provides information on drive selection and installation.

## 3.3 Network and Power Connection

Connect the NAS to your network using the provided RJ45 Ethernet cables. Plug the power adapter into the NAS and then into a power outlet. Power on the device using the front power button.

## 4. OPERATING THE SYNOLOGY DS423+

## 4.1 File Uploading, Sharing, and Downloading

The Synology DS423+ simplifies file management. You can upload files directly to your NAS, create secure sharing links for others, and download files as needed. Ensure your QuickConnect ID is enabled for easy remote access.

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*Video 2: Learn how to upload files to your Synology NAS, generate shareable links, and download content securely. This video also covers enabling QuickConnect ID.*

## 4.2 Accessing Files via Windows File Explorer or Mac Finder

Access your NAS files directly from your computer's file system. You can map shared folders as network drives on Windows or use Mac Finder to browse your Synology NAS content.

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*Video 3: Instructions on how to access your Synology NAS files using Windows File Explorer or Mac Finder, including enabling SMB and network discovery settings.*

## 4.3 Private Cloud Storage

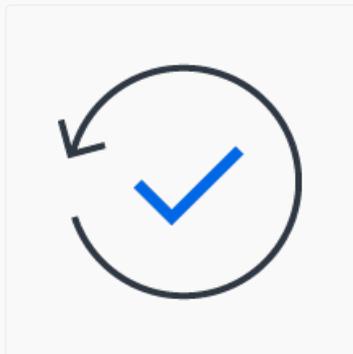
Transform your DS423+ into a private cloud. Manage, sync, and share your data from anywhere, across various platforms, maintaining full control over your data privacy.



*Figure 3: The Synology DS423+ configured for private cloud storage, allowing data management and sharing across platforms.*

## 4.4 Data Protection and Backup

Utilize built-in data protection features to back up scattered data across PCs, VMs, servers, and SaaS platforms. Solutions like Active Backup for Business and Synology Drive ensure your data is secure.



*Figure 4: An icon symbolizing comprehensive data protection and backup capabilities offered by the NAS.*

## 4.5 Surveillance System Integration

Set up an intuitive surveillance system by managing IP cameras through a centralized dashboard. Store surveillance footage locally for as long as needed.

## Build your own surveillance system



Figure 5: Image showing Synology IP Cameras (BC500, TC500) integrated with a Synology NAS for surveillance.

### 4.6 Seamless Remote Collaboration

Collaborate with partners in real-time by editing documents, spreadsheets, and slides directly on your NAS.

## 5. MAINTENANCE

Regularly check the health of your drives and ensure your Synology DiskStation Manager (DSM) software is up to date. Automatic firmware updates through DSM help maintain system stability and performance. For optimal drive health, consider using Synology Plus Series Drives, which undergo extensive stress testing.

### Synology Plus Series Drives

- 300k+ hours stress testing to ensure reliability
- Automatic firmware updates through DSM
- Consistent performance over time, powered by CMR technology
- A single line of support

\*Sold separately



Figure 6: Image highlighting the performance and reliability of Synology drives, recommended for use with the NAS.

## 6. TROUBLESHOOTING

If you encounter any issues, first consult the Synology knowledge center or their official YouTube channel for comprehensive troubleshooting guides and additional information. Ensure all cables are securely connected and the device is receiving power.

## 7. SPECIFICATIONS

Feature	Detail
Brand	Synology
Model	DS423+
Item Weight	7.94 pounds
Product Dimensions	9.6 x 7.8 x 6.5 inches
Color	Black

Material	Metal, Plastic
First Available	March 15, 2023

## 8. WARRANTY AND SUPPORT

For product support, warranty information, and detailed guides, please visit the official [Synology Support Center](#) or their [YouTube channel](#). These resources provide extensive documentation and video tutorials to assist with setup, operation, and troubleshooting.