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## Synology DS223

# Synology DS223 2-Bay NAS Instruction Manual

Model: DS223 | Brand: Synology

## PRODUCT OVERVIEW

The Synology DS223 is an entry-level 2-bay Network Attached Storage (NAS) device designed for centralized data management, organization, and sharing. It provides a secure platform for both leisure and work, leveraging the license-free, built-in solutions available in Synology DiskStation Manager (DSM).

### Key Features:

- **Centralized Data Storage:** Consolidate your data with 100% data ownership and multi-platform access.
- **Easy Sharing & Syncing:** Share files and media in a breeze, and keep clients and collaborators on the same page.
- **Simple Data Protection:** Back up your media library or business document repository to a variety of destinations.
- **Intelligent Surveillance:** Protect what matters by keeping an eye on your home with flexible monitoring tools.
- **2-year warranty:** Enjoy peace of mind with a comprehensive warranty.

## SETUP GUIDE

### 1. Unboxing and Package Contents

Carefully unbox your Synology DS223 NAS. Ensure all components are present before proceeding with the setup.



Figure 1: Front view of the Synology DS223 NAS, showing status indicators and front USB port.

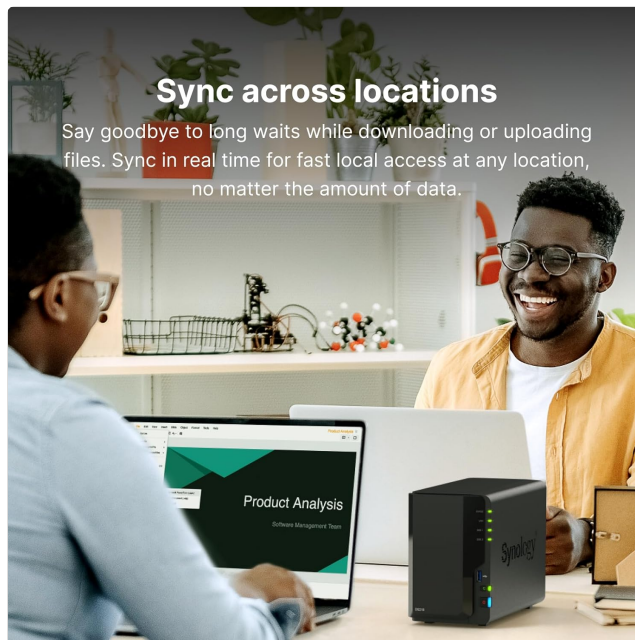


Figure 2: Rear view of the Synology DS223 NAS, highlighting the fan, LAN ports, and power input.

## 2. Hardware Installation

### Installing Hard Drives

The DS223 is a diskless unit, meaning hard drives must be installed separately. Refer to the video below for a visual guide on installing hard drives.

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Video: NAS setup guide. This video provides a comprehensive guide on how to physically install hard drives into your Synology NAS unit.

### RAM Upgrade (Optional)

The DS223 comes with 2GB DDR4 RAM. If you wish to upgrade the RAM, please consult the official Synology documentation for compatible modules and installation instructions.

### 3. Network Connection

Connect your Synology DS223 to your network router using an Ethernet cable. Ensure the NAS and your computer are on the same local network for initial setup.

### 4. Initial Setup (DiskStation Manager - DSM)

To begin using your NAS, you need to install Synology DiskStation Manager (DSM), the operating system for your device. Follow the steps outlined in the video below for DSM installation and initial configuration.

Your browser does not support the video tag.

Video: NAS setup guide. This video covers the initial software setup of your Synology NAS, including DSM installation.

## OPERATING YOUR SYNOLOGY DS223

### File Access and Sharing

Your Synology NAS allows you to centralize your files and access them from various devices. You can also easily share files with others.

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

Learn how to access your NAS files directly from your Windows PC or Mac using standard file browsing tools.

Your browser does not support the video tag.

Video: How to Access Files via Windows File Explorer or Mac Finder. This video details the process of connecting to your NAS from Windows and Mac operating systems.

#### Adding and Sharing Files

Discover how to upload new files to your NAS and generate shareable links for easy collaboration.

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Video: How to Add and Share Files on Your Synology NAS. This video guides you through uploading files and creating shareable links within DSM.

### Data Protection and Backup

The Synology DS223 offers robust solutions for backing up your data to various destinations, ensuring your important files are always safe.

### Surveillance Station

Utilize the intelligent surveillance features to monitor your home or office with flexible tools. The DS223 supports up to 20 cameras, with the first two licenses included at no charge.

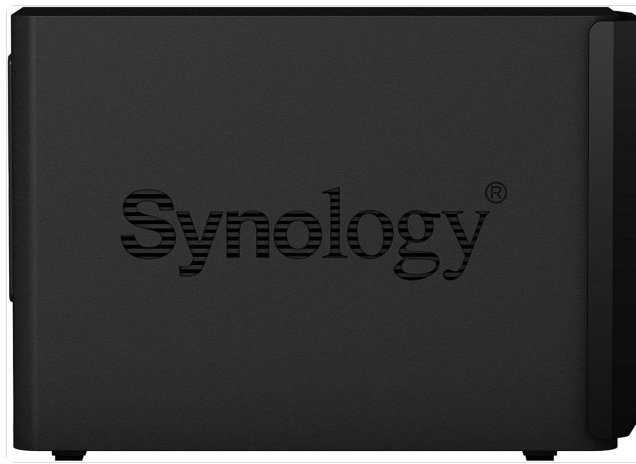


Figure 3: Screenshot of the Synology Surveillance Station interface, showing multiple camera feeds.

## MAINTENANCE

### Regular Updates

Keep your DSM software updated to ensure optimal performance, security, and access to the latest features. You can configure automatic updates within DSM's Control Panel.

### Disk Health Monitoring

Regularly check the health of your installed hard drives through DSM's Storage Manager to prevent data loss. Replace drives promptly if any issues are detected.

### System Logs

Monitor system logs for any unusual activity or errors. This can help in proactive troubleshooting and maintaining system stability.

## TROUBLESHOOTING

### NAS Not Appearing on Network

- Ensure your NAS is properly connected to your router and powered on.
- Verify that your computer and NAS are on the same local network.
- Check DSM's File Services settings to ensure SMB and WS-Discovery are enabled (refer to "How to Access Files via Windows File Explorer or Mac Finder" video for guidance).

### Login Issues

- Double-check your username and password.
- Ensure your NAS is accessible via its IP address or QuickConnect ID.

### Slow Performance

- Check network cable connections and ensure they are secure.
- Monitor disk usage and system resources in DSM.

- Consider upgrading RAM if performance issues persist during heavy usage.

## SPECIFICATIONS

Feature	Detail
Model Number	DS223
Drive Bays	2
RAM	2GB DDR4
Product Dimensions	9.15 x 4.25 x 6.5 inches
Item Weight	2.82 pounds
Color	Black
Material	Metal
Manufacturer	Synology
First Available Date	February 8, 2023

## WARRANTY AND SUPPORT

### Warranty Information

The Synology DS223 comes with a **2-year warranty**. Please retain your proof of purchase for warranty claims.

### Customer Support

For further assistance, technical support, or detailed documentation, please visit the official Synology support website or contact their customer service. You can find more information on their [Amazon Store Page](#).