



DiskStation DS923+



Flexible File Sharing and Storage for Homes and Small Business

The Synology DS923+ is a capable 4-bay NAS solution that can be adjusted and expanded as your needs change, with optional support for up to nine drives, faster networking, and NVMe SSDs for caching or additional storage pools. Powered by Synology DiskStation Manager (DSM), it offers a flexible all-in-one solution for data sharing, synchronization, backup, and surveillance.

Highlights

- **Dependable Performance**
Up to 625/559 MB/s sequential read/write throughput makes file operations quick and efficient¹
- **Versatile Network Storage**
Leverage built-in file and photo management, data protection, virtualization, and surveillance solutions
- **Fast and Stable Connectivity**
Two 1GbE ports for simple integration into existing environments with optional 10GbE connectivity² to tackle more specialized, bandwidth-heavy applications
- **Easy Capacity Expansion**
Add 5 extra drive bays with one DX517 expansion unit for a maximum of 9 storage drives³
- **Extendable Product Support**
Backed by Synology's 3-year limited hardware warranty, extendable to 5 years in select markets^{4,5}

Versatile Storage for Any Purpose

The DS923+ comes out of the box with intuitive and comprehensive file management, media organization, and backup options, making it ideal for IT enthusiasts, creative professionals, and business owners looking for a powerful and compact storage system.

- Up to **625 MB/s sequential read** and **559 MB/s sequential write performance**¹ enables fast file sharing, syncing, streaming, and backup for multiple users
- Supports 4 x 3.5" or 2.5" SATA HDD/SSD,⁶ **expandable to 9 drives** with one Synology **DX517** expansion unit³
- **Up to 32 GB DDR4 ECC memory** offers protection against potential crashes and inadvertent changes in data through automatic correction of data errors
- **Two Gigabit RJ-45 ports** can be bonded using **Link Aggregation** to provide automatic **network failover** and **load balancing**
- Maximize return on investment by upgrading your storage platform as more demanding needs arise with two built-in **M.2 NVMe SSD slots**⁷ and an optional **10GbE RJ-45 Network Upgrade Module**²

Built for Data Protection and Integrity

Safeguard your critical data with the **powerful storage management features** of Synology DSM, built on the advanced **Btrfs** file system.

- **Advanced snapshot technology** provides schedulable and near-instantaneous data protection for shared folders and LUNs
- **File and folder-level data restoration** enables recovery of specific files or folders
- **Flexible storage quota system** helps admins manage available space by specifying storage limits for shared folders
- **File self-healing** detects and recovers corrupted files using mirrored metadata and RAID configurations
- **Inline compression** minimizes storage consumption and extends the life of drives by compressing data before it is written to the storage pool



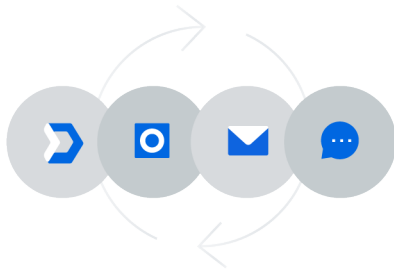
Next-Generation File System

Btrfs is a modern file system designed to safeguard data integrity through metadata mirroring, file self-healing, and fast snapshot replication.



Synology Backup Solutions

DSM backup solutions are designed to be low-maintenance, with different RPO/RTO targets, storage efficiency, and backup destinations available depending on your requirements.



Synology Productivity Suite

A powerful and secure private cloud solution that lets teams collaborate, sync files, and communicate with others anytime, anywhere.

Complete Data and Device Backup Solutions

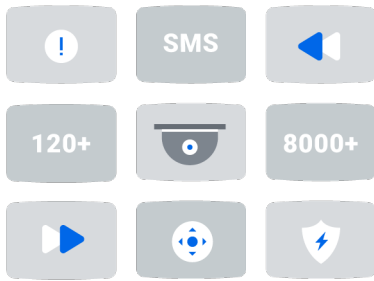
Synology DSM comes standard with a complete package of **backup solutions** available at no extra cost.

- **Active Backup Suite** consolidates backup tasks and offers rapid restoration of Windows and Linux endpoints, VMs, Synology NAS, and SaaS applications
- **Snapshot Replication** creates point-in-time copies of shared folders and LUNs to protect them from accidental modifications or ransomware incidents
- **Hyper Backup** backs up your NAS data to multiple destinations securely and efficiently with integrity checks and powerful deduplication, compression, and versioning options
- **C2 Storage for Hyper Backup** offers a dedicated secure public cloud destination for Synology NAS backup data⁸

Powerful Collaboration and Sharing Tools

Synology's **productivity suite** provides a private cloud solution for on-site and remote workers to concurrently edit documents, share files, manage emails, send instant messages, and more.

- **Synology Drive** is a cloud file management solution that supports file sharing, remote data access, cross-device and cross-site synchronization, on-demand file restoration, and backup
- The **Synology Office** extension lets users collaborate on documents, spreadsheets, and presentation slides in real time, supported by convenient options such as file versioning for easy restoration and password protection
- **Synology Photos** serves as a media organization hub for enthusiasts and professionals looking to efficiently manage and share their photos and videos through intuitive browsing options and secure sharing methods
- **Synology Hybrid Share** combines reliable on-premises storage and efficient syncing of shared folders in the cloud to enable seamless cross-site synchronization and local file access at LAN speed⁸



Always On Guard

Protect your premises with Synology's reliable and intuitive video management system (VMS) solution. Surveillance Station combines intelligent monitoring and robust management features for flexible deployment scenarios.



Flexible Virtualization

Whether providing VM storage through iSCSI and NFS or running VMs directly on the DS923+ using Virtual Machine Manager, Synology DSM provides comprehensive tools to protect your VMs.

Private Video Surveillance

Synology Surveillance Station transforms the DS923+ into a powerful Network Video Recorder solution with support for up to 40 IP cameras.⁹

- **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, or mobile apps
- Event-based rules to trigger specific actions
- Email, SMS, and push notification options

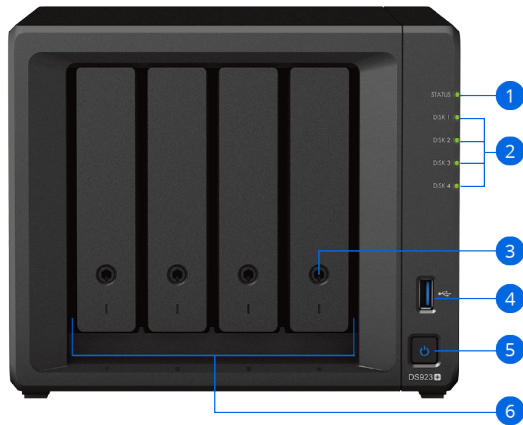
Virtualization and Certified Storage

Your DS923+ can serve as **virtual machine storage**, VM backup server, and a lightweight container and VM host. It is fully certified as storage for VMware® vSphere™, Microsoft® Hyper-V®, Citrix® XenServer™, and OpenStack environments.

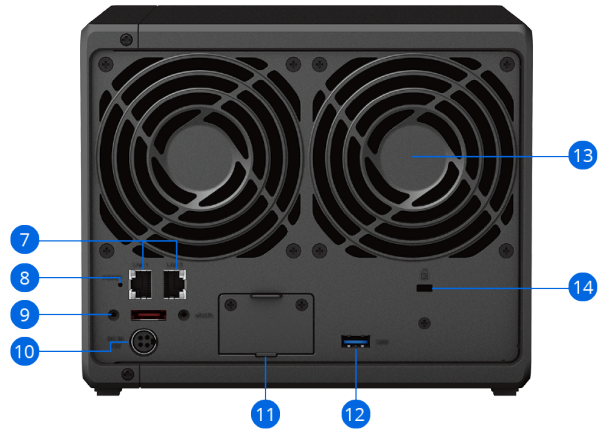
- **Synology Storage Console** for VMware or Windows platforms lets you manage VM storage components directly from your hypervisor. VMware VAAI integration and Windows ODX help offload storage operations and speed up data transfer
- **Host light containers and VMs** for testing, sandboxing, and emergency recovery purposes with **Docker** and **Synology Virtual Machine Manager**, a native hypervisor that supports Windows, Linux, and Virtual DSM¹⁰

Hardware Overview

Front



Rear



| | | | | | | | |
|----|----------------------------|----|--------------------------|----|----------------------|----|--------------------|
| 1 | Status Indicator | 2 | Drive Status Indicators | 3 | Drive Tray Locks | 4 | USB 3.2 Gen 1 Port |
| 5 | Power Button and Indicator | 6 | Drive Trays | 7 | 1GbE RJ-45 Ports | 8 | Reset Button |
| 9 | Expansion Port | 10 | Power Port | 11 | Network Upgrade Slot | 12 | USB 3.2 Gen 1 Port |
| 13 | Fan | 14 | Kensington Security Slot | | | | |

Technical Specifications

Hardware

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|----------------------------|--|
| CPU | AMD Ryzen™ R1600 dual-core (4-thread), max. boost clock up to 3.1 GHz |
| Hardware encryption engine | AES-NI |
| Memory | 4 GB DDR4 ECC SODIMM (expandable up to 32 GB) |
| Compatible drive types | <ul style="list-style-type: none"> • 4 x 3.5" or 2.5" SATA HDD/SSD (drives not included) • 2 x M.2 2280 NVMe SSD (drives not included) • Synology only guarantees full functionality, reliability, and performance for Synology drives listed on the compatibility list⁶ |
| Hot swappable drives | Yes |
| External ports | <ul style="list-style-type: none"> • 2 x USB 3.2 Gen 1 ports • 1 x Expansion port (eSATA) |
| Form factor | Desktop |
| Size (HxWxD) | 166 x 199 x 223 mm |
| Weight | 2.24 kg |
| LAN ports | 2 x 1GbE RJ-45 |
| Wake on LAN/WAN | Yes |
| Network expansion | Supports E10G22-T1-Mini 10GbE RJ-45 Network Upgrade Module ² |
| 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 |
| Maximum operating altitude | 5,000 m (16,400 ft) |

General DSM Specifications

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|---------------------------|--|
| Networking protocols | SMB, AFP, NFS, FTP, WebDAV, CalDAV, iSCSI, Telnet, SSH, SNMP, and VPN (PPTP, OpenVPN™, L2TP) |
| File systems | <ul style="list-style-type: none"> Internal: Btrfs, ext4 External: Btrfs, ext4, ext3, FAT32, NTFS, HFS+, exFAT |
| Supported RAID types | Synology Hybrid RAID (SHR), Basic, JBOD, RAID 0, RAID 1, RAID 5, RAID 6, and RAID 10 |
| Storage management | <ul style="list-style-type: none"> Max. single volume size: 108 TB Max. number of system snapshots: 65,536¹¹ Max. number of internal volumes: 64 |
| SSD cache | <ul style="list-style-type: none"> Read/write cache support M.2 NVMe and 2.5" SATA SSD support |
| File sharing capabilities | <ul style="list-style-type: none"> Max. number of local user accounts: 2,048 Max. number of local groups: 256 Max. number of shared folders: 512 Max. number of concurrent SMB/NFS/AFP/FTP connections: 1,000¹² |
| Privileges | Windows® Access Control List (ACL) and application privileges |
| Directory services | Connects with Windows® AD/LDAP servers enabling domain users to login via SMB/NFS/AFP/FTP/File Station using their existing credentials |
| Virtualization | VMware vSphere®, Microsoft Hyper-V®, Citrix®, OpenStack, and Kubernetes |
| Security | Firewall, shared folder encryption, SMB encryption, FTP over SSL/TLS, SFTP, rsync over SSH, login auto block, Let's Encrypt support, and HTTPS (customizable cipher suite) |
| Supported browsers | Google Chrome®, Firefox®, Microsoft Edge®, Safari® 13 and later, and Safari (iOS 13.0 and later) on iPad, Chrome (Android™ 11.0 and later) on tablets |
| Interface languages | English, Deutsch, Français, Italiano, Español, Dansk, Norsk, Svensk, Nederlands, Русский, Polski, Magyar, Português do Brasil, Português Europeu, Türkçe, Český, ไทย, 日本語, 한국어, 繁體中文, 简体中文 |

Packages and Applications

| File Server & Synchronization | |
|---------------------------------------|--|
| Drive | Synchronizes files across Windows®, macOS®, Linux®, Android™, and iOS. The built-in cross-platform portal allows access to data anytime and anywhere <ul style="list-style-type: none"> Max. number of hosted files: 5,000,000 Max. number of concurrent connections for PC clients: 350 |
| File Station | Provides virtual drives, remote folders, Windows® ACL editor, compression/extraction of archived files, bandwidth control for specific users/groups, creation of sharing links, and transfer logs |
| Hybrid Share® | Efficiently synchronizes files across sites by keeping shared data on Synology C2 Storage and streaming files to Synology NAS worldwide on request. Frequently requested files are cached at each site for low-latency access |
| FTP Server | Supports bandwidth control for TCP connections, custom FTP passive port ranges, anonymous FTP, FTP over TLS/SSL and SFTP protocols, network booting with TFTP and PXE support, and transfer logs |
| Presto File Server ¹³ | Enables high-speed data transfer over WAN between Synology NAS and desktop platforms through the exclusive SITA technology |
| Cloud Sync | Offers one or two-way synchronization with public cloud storage providers including Alibaba Cloud OSS, Backblaze B2, Baidu Cloud, Box, Dropbox, Google Cloud Storage, Google Drive, hubiC, MegaDisk, Microsoft OneDrive, OpenStack Swift-compatible storage, Tencent COS, WebDAV servers and Yandex Disk |
| Universal Search | Search through files, metadata, and more on your NAS. Integration with Windows Search and macOS Spotlight makes it easy to find files |
| Migration Assistant | Migrates data, system setting, and applications seamlessly from one Synology NAS to another to ensure maximum service availability |
| SAN Storage & Virtualization | |
| SAN Manager | <ul style="list-style-type: none"> Max. number of iSCSI targets: 128 Max. number of LUNs: 256 LUN clone/snapshot support |
| Virtual Machine Manager ¹⁰ | Supports running Windows®, Linux®, and Virtual DSM-based virtual machines on Synology NAS |
| Data Protection & Backup Solutions | |
| Hyper Backup | Supports local backup, network backup, and data backup Synology servers, other devices, and public clouds, including C2 Storage® |
| Backup tools | <ul style="list-style-type: none"> DSM configuration backup, macOS® Time Machine® support, Synology Drive Client desktop application Shared folder sync supports a maximum of 32 tasks |

| | |
|---|--|
| Snapshot Replication | <ul style="list-style-type: none"> • Max. number of snapshots for shared folders: 1,024 • Max. number of replications: 32 |
| Synology High Availability | Reduces service downtime by combining two identical NAS into a high-availability cluster |
| Active Backup for Business | An all-in-one backup solution designed for heterogeneous business IT environments. It enables IT admins to remotely manage and protect PCs, servers, Synology systems, and VMs from one centralized console |
| Active Backup for Google Workspace | Supports backup and restoration of Google Workspace My Drive, Team Drive, Gmail, Contacts, and Calendar |
| Active Backup for Microsoft 365 | Supports backup and restoration of Microsoft 365 OneDrive for Business, Outlook, Contacts, and Calendar |
| Productivity & Collaboration | |
| Collaboration tools | <p>Collaborate with instant messaging service Synology Chat, online documents editor Synology Office, and scheduling assistant Synology Calendar</p> <ul style="list-style-type: none"> • Max. number of concurrent users for Chat: 100 • Max. number of users for Office: 1,200 • Calendar supports CalDAV and access via mobile devices |
| Note Station | A note taking platform that supports rich text, note organization and versioning, encryption, sharing, media embedding, and attachments |
| Synology MailPlus Server ¹⁴ | A secure, reliable, and private mail solution featuring high-availability, load balancing, security, and filtering options |
| Synology MailPlus | An intuitive webmail interface for Synology MailPlus Server with configurable mail labels, filters, and user interface |
| Multimedia | |
| Synology Photos | An efficient photo management solution for professional and amateur photographers. Automated tools allow users to group, filter, organize, and share content while keeping their photos safe and secure |
| Other packages | Video Station, Audio Station, and iTunes® Server |
| Surveillance | |
| Surveillance Station ⁹ | Max. number of IP cameras: 40, for a total of 1,200 FPS at 720p (H.264) |
| Management & Administration | |
| Synology Directory Server | Provides a flexible and cost-effective domain controller solution |
| Central Management System | Provides a single interface to manage and monitor multiple Synology NAS |
| VPN Server | <ul style="list-style-type: none"> • Max. number of connections: 40 • Supported VPN protocols: PPTP, OpenVPN™, L2DTP/IPSec |
| Active Insight ¹⁵ | Monitor health statistics, login activity, and backup statuses for your Synology servers worldwide, and receive notifications and advice from our centralized cloud-hosted management platform |
| Storage Analyzer | Displays volume and quota usage, total size of files, volume usage and trends based on past usage, size of shared folders, large files, most recently modified files, and least recently accessed files |
| Antivirus Essential | Provides full system scans, scheduled scans, white list customization, and auto-update of virus definitions |
| Web Station | Enables hosting for up to 30 websites with support for PHP/MariaDB® and 3rd-party applications |
| Other packages | DNS Server, RADIUS Server, and Log Center |
| Others | |
| iOS/Android™ applications | Synology Drive, Synology MailPlus, Synology Secure SignIn, Synology Chat, Synology LiveCam, Synology Active Insight, DS cam, DS file, DS finder, and DS note |
| Other packages | Additional 3rd-party packages are available in the Package Center |

Environment and Packaging

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|------------------------------------|--|
| Environmental safety | RoHS compliant |
| Package contents | <ul style="list-style-type: none">• 1 x DS923+ 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 cables |
| Optional accessories ¹⁶ | <ul style="list-style-type: none">• DDR4 ECC SODIMM: D4ES02-4G / D4ES02-8G / D4ES01-16G• Synology Network Upgrade Module: E10G22-T1-Mini• M.2 2280 NVMe SSD: SNV3400 series• 2.5" SATA SSD: SAT5200 series• 3.5" SATA HDD: HAT5300 series• Expansion Unit: DX517• MailPlus License Pack¹⁴• Surveillance Device License Pack⁹• Virtual DSM License Pack¹⁰• Extended Warranty: EW201, Extended Warranty Plus⁵ |
| Warranty | 3 years ^{4,5} |

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

1. 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.
2. One 10GbE RJ-45 port can be added to the DS923+ with Synology [E10G22-T1-Mini](#) Network Upgrade Module.
3. DS923+ supports up to 9 drives with the [Synology DX517](#) expansion unit, sold separately.
4. The warranty period starts from the date of purchase as stated on your purchase receipt. [Learn more](#) about our limited product warranty policy.
5. Up to 5 years of warranty are available as an additional bundle with Extended Warranty Plus or Extended Warranty, both 2-year extended warranty service add-ons available in select regions. Check availability for [Extended Warranty EW201](#) or [Extended Warranty Plus](#).
6. Check our [compatibility list](#) for supported drives.
7. 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.
8. C2 Storage for Hyper Backup and Hybrid Share requires purchase of an annual or monthly [subscription](#). A free trial is available for each newly registered device.
9. Surveillance Station includes two free licenses. Connecting more cameras and devices requires additional licenses. [Learn more](#)
10. Certain advanced features require [Virtual Machine Manager Pro](#). One Virtual DSM license is included. Additional Virtual DSM instances require the purchase of [Virtual DSM Licenses](#).
11. System snapshots include snapshots taken by SAN Manager, Snapshot Replication, and Virtual Machine Manager.
12. Maximum concurrent connections can be increased to 2,000 by installing at least 8 GB of RAM memory.
13. Presto File Server license can be purchased separately through the application.
14. Five MailPlus email accounts are included. Additional email accounts can be added with the purchase of Synology MailPlus License Packs. [Learn more](#)
15. Synology Active Insight is currently in Beta with all features available for evaluation. Certain functionalities may require a subscription upon official release.
16. Please refer to our [compatibility list](#) for the latest optional accessories list.

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