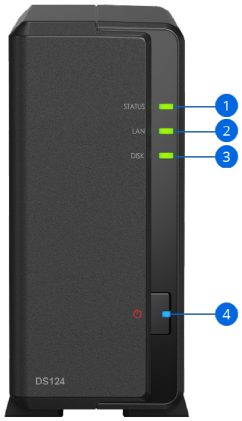
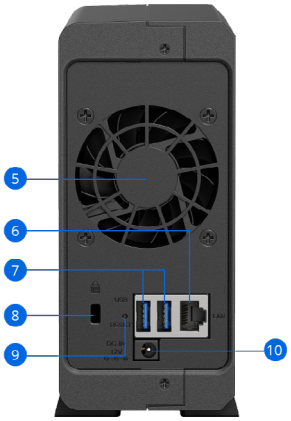
Hardware Overview

DS124 (Front)



DS124 (Rear)



1	Status Indicator	2	LAN Indicator	3	Drive Status Indicators	4	Power Button
5	Fan	6	LAN Port	7	USB 3.2 Gen 1 Ports	8	Kensington Security Slot
9	Reset Button	10	Power Port				

Technical Specifications

Hardware

CPU	Realtek RTD1619B
Memory	1 GB DDR4
Compatible drive types	• 1 x 3.5" or 2.5" SATA SSD/HDD (drives not included)[4] • 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 functionality and result in data loss and system instability[5]
Hot swappable drives	Yes
External ports	2 x USB 3.2 Gen 1 ports
Form factor	Desktop
Size (HxWxD)	166 × 71 × 224 mm
Weight	0.7 kg
LAN ports	1 × 1GbE RJ-45
Wake on LAN/WAN	Yes
Scheduled power on/off	Yes
System fans	1 x (60 × 60 × 15 mm)
AC input power voltage	100 V to 240 V AC
Power frequency	50/60 Hz, single phase
Operating environment	• Temperature: 0°C to 40°C (32°F to 104°F) • Relative humidity: 8% to 80% RH
Storage environment	• 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

Networking protocols	SMB, AFP, NFS, FTP, WebDAV, CalDAV, iSCSI, Telnet, SSH, SNMP, and VPN (PPTP, OpenVPN™, L2TP)
File systems	• Internal: Btrfs, ext4 • External: Btrfs, ext4, ext3, FAT32, NTFS, HFS+, exFAT
Supported RAID types	Basic
Storage management	• Max. single volume size: 108 TB • Max. number of system snapshots: 4,096[6] • Max. number of internal volumes: 1
File sharing capabilities	• Max. number of local user accounts: 1,024 • Max. number of local groups: 256 • Max. number of shared folders: 256 • Max. number of concurrent SMB/NFS/AFP/FTP connections: 200
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
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® 14 and later, and Safari (iOS 14.0 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, ภาษาไทย, 日本語, 한국어, 繁體中文, 简体中文