

Datasheet



FlashStation

FS200T

Synology

FlashStation

FS200T



Small Size, Big Performance

The ultra-compact FS200T, with its six 2.5" drive bays, integrated 2.5GbE, and powerful processor, is ideal for enthusiasts or home users seeking a quiet yet snappy all-flash storage solution in a miniature form factor. Running on Synology DiskStation Manager (DSM), this versatile device offers a comprehensive solution for data management, sync, and backup needs.

- **Tiny Footprint**
Compact dimensions ideal for home and small office environments
- **Whisper Quiet**
All-flash configuration ensures virtually silent operation
- **Fast Networking**
Built-in 2.5GbE port for fast connectivity out of the box
- **Versatile Network Storage**
Leverage built-in file and photo management, and data protection
- **Extendable Product Support**
Backed by Synology's 3-year limited hardware warranty, extendable to 5 years in select markets^{1,2}

Compact Storage Solution for Home or Small Office

The FS200T is a compact NAS solution offering intuitive file management, media organization, and backup options. Designed for use with SATA SSDs, it provides responsiveness ideal for demanding container and virtualization applications, all with whisper-quiet operation in a stylish, miniature system—perfect for enthusiasts and home or small office users seeking reliable storage without compromising on functionality or aesthetics.

- All-flash delivers snappy, highly responsive performance
- Supports **6 x SATA SSD 2.5" drives**³
- Includes **one 2.5GbE port** and **one 1GbE port**, providing fast networking with failover support
- Includes **4 GB of DDR4 SODIMM ram** (expandable up to 8 GB)

Ease of Use and Security Features

A suite of convenience and security features, combined with DSM's intuitive UI, ensures a seamless experience for users of all levels of expertise.

- Easily **access your system from any web browser** via QuickConnect
- Adaptive Multi-Factor Authentication (AMFA) triggers upon suspicious external logins, **providing an additional layer of security**
- Improve management efficiency with **customizable delegation roles**, allowing admins to quickly assign roles to non-admin users while restricting access to critical system settings
- **Active Insight**⁴, Synology's cloud-based fleet monitoring solution, leverages machine learning to detect malware and other malicious activity and automatically creates immutable snapshots to protect your data

Built-in Data Protection Solutions

License-free solutions help protect data and configurations on your Synology system, ensure maximum system uptime, and back up and restore all your devices, VMs, and cloud applications.

- **Synology Active Backup Suite** consolidates backup tasks and offers rapid restoration of Windows and Linux endpoints, VMs, Synology NAS, and SaaS applications
- **Hyper Backup** backs up your Synology system data to multiple destinations securely and efficiently with integrity checks and powerful deduplication, compression, and versioning options

- **Snapshot Replication** provides schedulable, near-instantaneous data protection with version control, ensuring that all shared folders and LUNs on your Synology system remain safe and available
- **C2 Storage for Hyper Backup** offers a dedicated secure public cloud destination for Synology NAS backup data⁵

A Collaboration, Communication, and Organization Hub

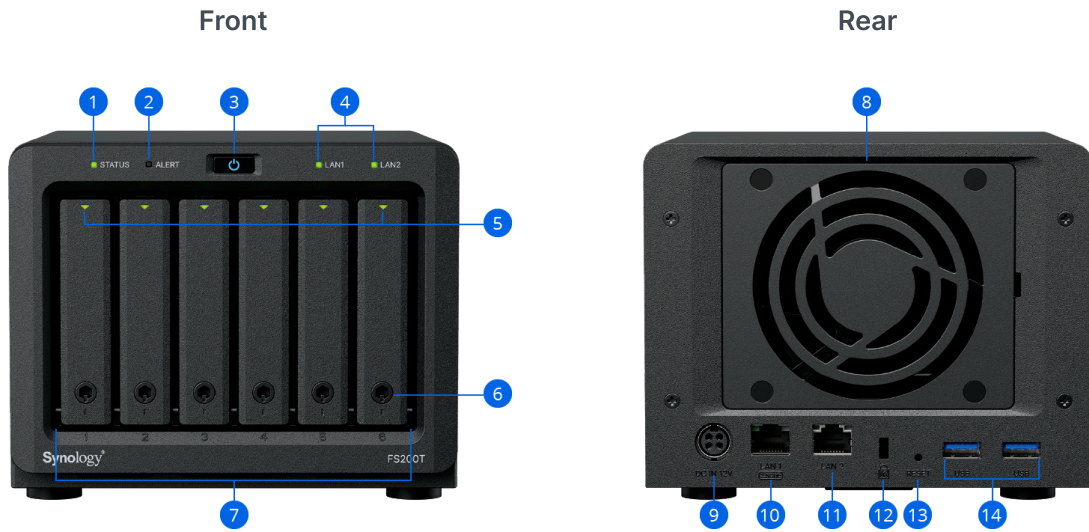
Synology provides a private cloud solution for on-site and remote workers, as well as home users, to concurrently edit documents, share files, manage emails, send instant messages, manage photos, and more.

- **Synology Drive** serves as a centralized hub to keep your files labeled and organized for easy access, offering granular file sharing permissions and customizable security features to ensure file safety
- **Synology Photos** provides a comprehensive solution for storing, organizing, and sharing photos and videos, with powerful features suitable for both personal and professional use
- **Synology Office** enables users to 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 Chat** brings teams together with one-on-one chats, group chats, and encrypted private channels over multiple platforms
- **Synology MailPlus**⁶ provides a secure, reliable, and private email server
- **Synology Calendar** helps teams keep track of priorities with convenient calendar sharing and scheduling
- **Synology Hybrid Share** enhances multi-site teamwork with a global hybrid cloud file system which combines the scalability of the cloud with the fast local access provided by Synology systems

Notes:

1. 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](#) or [Extended Warranty Plus](#).
2. 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.
3. Synology only guarantees full functionality, reliability, and performance for compatible drives. Please consult our compatibility list before purchasing hard drives. For more details, please refer to [this article](#).
4. Synology Active Insight includes three free licenses. Additional licenses can be added with the purchase of an annual [subscription](#).
5. 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.
6. Five MailPlus email accounts are included. Additional email accounts can be added with the purchase of Synology MailPlus License Packs. [Learn more](#)

Hardware Overview



No.	Name	No.	Name
1.	Status indicator	8.	Fan
2.	Alert indicator	9.	Power port
3.	Power button and indicator	10.	2.5GbE RJ-45 port
4.	LAN indicator	11.	1GbE RJ-45 port
5.	Drive status indicators	12.	Kensington security slot
6.	Drive tray lock	13.	Reset button
7.	Drive trays	14.	USB 3.2 Gen 1 port

Technical Specifications

Hardware

CPU	
CPU Model	Intel Celeron J4125
CPU Quantity	1
CPU Cores	4
CPU Threads	4
CPU Architecture	64-bit
CPU Frequency	2.0 (base) / 2.7 (turbo) GHz
Hardware Encryption Engine	Yes

Memory	
System Memory	4 GB DDR4 non-ECC
Memory Module Pre-installed	4 GB (4 GB × 1)
Total Memory Slots	2
Maximum Memory Capacity	8 GB (4 GB × 2)
Notes	Please select Synology memory modules for optimum compatibility and reliability. Synology will not provide complete product warranty or technical support if non-Synology memory modules are used for memory expansion.

Storage

Drive Bays	6
Drive Type	2.5" SATA SSD
Hot Swappable Drive	Yes
Notes	<ul style="list-style-type: none">• Synology only guarantees full functionality, reliability, and performance for compatible drives. Please consult our compatibility list before purchasing hard drives. For more details, please refer to this article.• SSD cache can be enabled with select compatible SSD. See the compatibility list for model-specific support and details. SSDs are sold separately.

External Ports

RJ-45 1GbE LAN Port	1
RJ-45 2.5GbE LAN Port	1
USB 3.2 Gen 1 Port	2
Notes	This device's 1GbE LAN ports have a maximum transmission unit (MTU) size of 1,500 bytes.

Appearance

Size (Height x Width x Depth)	121 mm × 151 mm × 175 mm
Weight	1.4 kg

Others

System Fan	80 mm × 80 mm × 1 pcs
Power Supply Unit / Adapter	65 watts
AC Input Power Voltage	100V to 240V AC
Power Frequency	50/60 Hz, Single Phase

Temperature	
Operating Temperature	0°C to 40°C (32°F to 104°F)
Storage Temperature	-20°C to 60°C (-5°F to 140°F)
Operating Humidity	8% to 80% RH
Storage Humidity	5% to 95% RH
Maximum Operating Altitude	5,000 m

General DSM Specifications

Storage Management	
Maximum Single Volume Size	108 TB
Maximum Internal Volume Number	32
SSD Read/Write Cache (Determining cache size)	Yes
Supported RAID Type	<ul style="list-style-type: none"> • Synology Hybrid RAID • Basic • JBOD • RAID 0 • RAID 1 • RAID 5 • RAID 6 • RAID 10
Notes	<ul style="list-style-type: none"> • Each internal volume (may consist of multiple drives) is expandable up to 108TB. • Actual maximum storage pool and volume sizes depend on drive sizes used, the number of drive bays available, and the RAID configuration. • Usable capacity for each volume will be lower than the maximum volume size and is dependent on the filesystem and the amount of system metadata stored.

File System

Internal Drives	Btrfs,ext4
External Drives	<ul style="list-style-type: none">• Btrfs• ext4• ext3• FAT32• NTFS• HFS+• exFAT

File Services

File Protocol	<ul style="list-style-type: none">• SMB• AFP• NFS• FTP• WebDAV• Rsync
Maximum Number of SMB Connections (FSCT-Based)	10
Windows Access Control List (ACL) Integration	Yes
NFS Kerberos Authentication	Yes

Account & Shared Folder

Maximum Local User Accounts	512
Maximum Local Groups	128
Maximum Shared Folder	128
Maximum Shared Folder Sync Tasks	4

Virtualization

VMware vSphere	ESXi 8.0 U2, ESXi 8.0 U1, ESXi 8.0, ESXi 7.0 U3, ESXi 7.0 U2, ESXi 7.0 U1, ESXi 7.0, ESXi 6.7 U3, ESXi 6.7 U2, ESXi 6.7 U1, ESXi 6.7, ESXi 6.5 U3, ESXi 6.5 U2, ESXi 6.5 U1, ESXi 6.5
Citrix XenServer	XenServer 8, Citrix Hypervisor 8.2 LTSR CU1
OpenStack	Cinder

Security

Firewall, encryption shared folder, SMB encryption, FTP over SSL/TLS, SFTP, rsync over SSH, login auto block, Let's Encrypt support, HTTPS (customizable cipher suite)

General Specifications

Supported Protocols	SMB1 (CIFS), SMB2, SMB3, NFSv3, NFSv4, NFSv4.1, NFS Kerberized sessions, iSCSI, HTTP, HTTPS, FTP, SNMP, LDAP, CalDAV
Supported Browsers	<ul style="list-style-type: none">• Chrome• Firefox• Edge• Safari
Supported Language	English, Deutsch, Français, Italiano, Español, Dansk, Norsk, Svenska, Nederlands, Русский, Polski, Magyar, Português do Brasil, Português Europeu, Türkçe, Český, ภาษาไทย, 日本語, 한국어, 繁體中文, 简体中文
Notes	For an updated list of supported browser versions, check the DSM Technical Specifications .

Packages and Applications

Synology AI Console

Centralize AI management with flexible configurations for AI model integration, user access control, data privacy, usage policies, and resource allocation

Third-Party AI Model Integration	v
Maximum De-Identification Rate	10 words per second
Notes	<ul style="list-style-type: none"> De-identification performance measurement: Filters for Credit Card Numbers, IBAN, Individual Taxpayer Identification Number, SSN, and Names applied to a 4,355-word English text. To enable de-identification, your device must have at least 8 GB of memory and Container Manager installed.

Synology Drive

Synchronizes files across Windows®, macOS®, Linux®, Android™ and iOS. The built-in cross-platform portal allows access to data anytime and anywhere

Maximum Number of Users	30
Maximum Number of Hosted Files	500,000 (applies to files indexed or hosted by Synology Drive . For file access through other standard protocols, refer to the File Services section above)

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

Synchronize data across multiple sites for fast and efficient multi-site teamwork. Powered by Synology C2 Storage, Hybrid Share requires purchase of a monthly or annual subscription

SAN Manager

Maximum iSCSI Target Number	2
Maximum LUN	4
LUN Clone/Snapshot, Windows ODX	Yes

Virtual Machine Manager

Recommended Virtual Machine Instances

4 ([Learn more](#))

Recommended Virtual DSM Number
([Licenses required](#))

4 (including 1 Free License)

Hyper Backup

Supports local backup, network backup, and data backup to other servers and public clouds, including C2 Storage

Snapshot Replication

Maximum Snapshots per Shared Folder

128

Maximum Snapshots per LUN

32

Maximum Snapshots per System

1,024

Maximum Replication Tasks for Shared Folders

16

Maximum Replication Tasks for LUNs

8

Maximum Replication Tasks per System

16

Synology High Availability

Reduces service downtime by combining two identical NAS into a high-availability cluster

Synology Chat

Maximum Number of Users

100

Synology Office

Maximum Number of Users

30

Synology MailPlus / MailPlus Server

A secure, reliable, and private mail solution featuring high-availability, load balancing, security, and filtering options

Free Email Accounts	5 (Additional accounts require purchase of licenses)
Maximum Number of Users	30

Surveillance Station

Default Licenses	2 (Additional cameras require purchase of licenses)
Maximum IP Cameras and Total FPS (H.264)	<ul style="list-style-type: none">• 1080p: 40 channels, 800 FPS• 3M: 35 channels, 350 FPS• 5M: 28 channels, 280 FPS• 4K: 17 channels, 170 FPS
Maximum IP Cameras and Total FPS (H.265)	<ul style="list-style-type: none">• 1080p: 40 channels, 1200 FPS• 3M: 40 channels, 600 FPS• 5M: 40 channels, 480 FPS• 4K: 20 channels, 200 FPS

Central Management System

Provides a single interface to manage and monitor multiple Synology NAS

VPN Server

Maximum Connections	4
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Other packages

Additional 3rd-party packages are available in the Package Center

Environment & Packaging

Environment safety

RoHS Compliant

Packaging Content

- Main Unit X 1
- Accessory Pack X 1
- AC Power Adapter X 1
- AC Power Cord X 1
- RJ-45 LAN Cable X 2

Optional Accessories

- DDR4 non-ECC SODIMM: [D4NS01-4G](#)
- Enterprise Series 2.5" SATA SSD: [SAT5200 Series](#)

Warranty

3-year hardware warranty, extendable to 5 years with [EW202](#) or [Extended Warranty Plus](#)

Notes

- The warranty period starts from the purchase date as stated on your purchase receipt. ([Learn more](#))
- [Extended Warranty Plus](#) is only available in Europe and North America. [EW201/EW202](#) is only available in Asia, Africa, and Oceania. For exact availability information please visit their respective websites.

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