

Overview

Synology DS620slim is a mini 6-bay NAS with a stylish chassis design, perfectly blending in modern workplaces or apartments. Supporting near-instantaneous snapshot technology, DS620slim is an all-around file management solution that fulfills professionals' needs of advanced data protection.

Quick Spec

Table 1 shows the quick spec.

Product Code	DS620slim
CPU Model	Intel Celeron J3355
CPU Quantity	1
CPU Architecture	64-bit
CPU Frequency	2-core 2.0 (base) / 2.5 (burst) GHz
Hardware Encryption Engine (AES-NI)	√
Hardware Transcoding Engine	H.264 (AVC), H.265 (HEVC), MPEG-2 and VC-1; maximum resolution: 4K (4096 x 2160); maximum frame rate per second (FPS): 30
System Memory	2 GB DDR3L non-ECC SODIMM
Memory Module Pre-installed	2 GB (2 GB x 1)
Total Memory Slots	2
Maximum Memory Capacity	6 GB (2 GB + 4 GB)
Drive Bays	6
Maximum Single Volume Size*	108 TB
Hot Swappable Drive	√

Product Details

Synology DS620slim provides these features and benefits:

## When performance meets style

DS620slim is a mini 6-bay NAS with a stylish chassis design, perfectly blending in modern workplaces or apartments. Supporting near-instantaneous snapshot technology, DS620slim is an all-around file management solution that fulfills professionals' needs of advanced data protection.

### CPU

Dual-core 2GHz burst up to 2.5GHz

### Memory

DDR3L 2GB, up to 6GB

### Encryption Performance

Over 226 MB/s reading and 198 MB/s writing

## Remain classic while shrinking footprint

The mini 6-bay design keeps DS620slim classic and saves deployment space. With six 2.5" drive support, DS620slim is able to boost performance by installing SSDs.

### Compact Design

Mini design with the dimensions of 121 × 151 × 175 mm, flexible to fit in anywhere

### RAID Flexibility

Flexible in a variety of RAID configurations to realize maximum 30TB raw capacity or better data protection with RAID 5/6/10

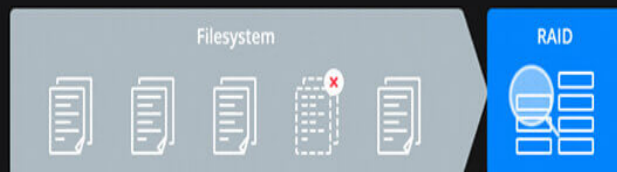
### SSD Cache Support

Further enhance storage performance with SSD read/write cache while still having abundant drive bays for data storage



## Btrfs: Next generation storage efficiency

The Btrfs file system introduces cutting-edge storage technologies and optimized snapshots to prevent data corruption and reduce maintenance overhead. While ensuring high-level data integrity, it also offers flexible, efficient data protection and recovery tools.



- Flexible Shared Folder/User Quota System provides comprehensive quota control on all user accounts and shared folders
- Snapshot Replication provides schedulable and storage capacity-saving data protection with 1,024 shared folder backups and 65,000 system-wide snapshots
- File or folder level data restoration makes data recovery fast and flexible
- Automatic file self-healing detects and recovers corrupted files without user intervention

## Ultimate file management and sharing

File Station is a web-based, fast and secure management tool built to allow easy, drag-and-drop operations without requiring any complex setup on Mac or PC. Advanced search and filtering tools allow for easy organization and file sharing. For complete compatibility, DS620slim supports the following protocols: AFP, FTP, iSCSI, NFS, SMB, and WebDAV.





## Access and sync your files seamlessly

Synology Drive provides a built-in universal portal to access your data anytime and anywhere, and synchronize all your files across platforms, including Windows, macOS, Linux, Android, and iOS.

- **Sync files on demand:** Save the storage space and network bandwidth of your PC.
- **Go back in time:** Easily retrieve previous versions of your shared files.
- **Back up your data:** Protect your files as scheduled or in real-time.

## Stream content to your TV

Turn your Synology NAS into a home media hub and stream your digital contents to computers, mobile devices, Samsung TV, Apple TV, Google Chromecast, and DLNA devices.



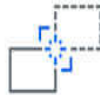


# Powered by Synology DiskStation Manager



## File Server/Management

Powerful built-in file management and sharing services.



## Snapshot Replication

Schedulable and instantaneous data protection for shared folders and iSCSI LUNs for disaster prevention.



## Multimedia

Complete multimedia solution for management, streaming, and playback.



## DSM UI

Award-winning operating system with an intuitive user interface and powerful capabilities.



## Security

Secure data with comprehensive built-in security tools to protect your devices against evolving threats.



## Public Cloud Integration

Back up and synchronize data easily between public cloud accounts and your NAS.



- 1 Status indicator
- 2 Alert indicator
- 3 Power button

- 4 LAN indicator
- 5 Drive status indicator
- 6 Drive tray

- 7 System fan
- 8 Power port
- 9 1GbE RJ-45 port

- 10 Kensington Security Slot
- 11 USB 3.0 port
- 12 Reset button



Get More Information

Do you have any question about the DS620slim?

Contact us now via [Live Chat](#) or [sales@router-switch.com](mailto:sales@router-switch.com).

Specification

DS620slim Specification	
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Memory	
System Memory	2 GB DDR3L non-ECC SODIMM
Memory Module Pre-installed	2 GB (2 GB x 1)
Total Memory Slots	2
Maximum Memory Capacity	6 GB (2 GB + 4 GB)
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. * Synology reserves the right to replace memory modules with the same or higher frequency based on supplier's product life cycle status. Rest assured that the compatibility and stability have been strictly verified with the same benchmark to ensure identical performance.
Storage	
Drive Bays	6
Compatible Drive Type*	2.5" SATA HDD 2.5" SATA SSD
Maximum Single Volume Size*	108 TB
Hot Swappable Drive	√
Notes	"Compatible drive type" indicates drives that have been tested to be compatible with Synology products. This term does not indicate the maximum connection speed of each drive bay. Each internal volume (may consist of multiple drives) is expandable up to 108TB.
External Ports	
RJ-45 1GbE LAN Port	2 (with Link Aggregation / Failover support)
USB 3.2 Gen 1 Port*	2

Notes	The USB 3.0 standard was renamed to USB 3.2 Gen 1 by the USB Implementers Forum (USB-IF) in 2019.
File System	
Internal Drives	Btrfs EXT4
External Drives	Btrfs EXT4 EXT3 FAT NTFS HFS+ exFAT
Appearance	
Size (Height x Width x Depth)	121 mm x 151 mm x 175 mm
Weight	1.4 kg
Others	
System Fan	80 mm x 80 mm x 1 pcs
Fan Speed Mode	Full-Speed Mode Cool Mode Quiet Mode
Easy Replacement System Fan	√
Brightness Adjustable Front LED Indicators	√
Power Recovery	√
Noise Level*	20.5 dB(A)
Scheduled Power On / Off	√
Wake on LAN / WAN	√
Power Supply Unit / Adapter	65 W
AC Input Power Voltage	100 V to 240 V AC
Power Frequency	50/60 Hz, Single Phase
Power Consumption*	34.88 W (Access) 7.59 W (HDD Hibernation)
British Thermal Unit	119.1 BTU/hr (Access) 25.92 BTU/hr (HDD Hibernation)
Notes	* Power consumption is measured when it is fully loaded with Western Digital 1TB WD10JFCX hard drive(s). * Noise Level Testing Environment: Fully loaded with WD 1TB WD10JFCX hard drive(s) in the idle state. Two G.R.A.S. Type 40AE microphones, each set up 1 meter away from the Synology NAS at the front and rear. Background noise: 17.2 dB(A); Temperature: 23.6°C; Humidity: 58.2%.
Temperature	
Operating Temperature	5°C to 40°C (40°F to 104°F)
Storage Temperature	-20°C to 60°C (-5°F to 140°F)
Relative Humidity	5% to 95% RH

Certification	FCC CE BSMI EAC VCCI RCM
Warranty	2 Years Notes: The warranty period starts from the purchase date as stated on your purchase receipt.
Environment	RoHS Compliant
Packaging Content	Main Unit X 1 AC Power Adapter X 1 AC Power Cord X 1 RJ-45 LAN Cable X 2 Quick Installation Guide X 1
Optional Accessories	DDR3 non-ECC SODIMM: D3NS1866L-4G 2.5" SATA SSD: SAT5200 VisualStation: VS960HD/VS360HD Surveillance Device License Pack
<b>Notes:</b> 1.Model specifications are subject to change without prior notice. 2.The figures are based on Synology internal testing. Each performance test is done individually. No other services or applications are processed at the same time. 3.The actual performance may be lower than lab testing figure due to differences in server configuration, deployment, and the number of active operations. 4.If usage requirements exceed the specifications above, please contact our regional partners for professional advice.	


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