# DiskStation DS223j



**Brand:** Synology

**Product Code:** DS223j

**Availability:** 9 **Weight:** 0.88kg

**Dimensions:** 165.00mm x 100.00mm x

225.50mm

Price: 15,400.00EGP

#### **Short Description**

Synology 2 Bay DiskStation DS223j

#### **Description**

# Take command of your most important data



#### Secure private cloud

Anywhere, anytime secure access to all your data.



### Easy sharing and syncing

Safely access and share files and media from anywhere.



### **Comprehensive data protection**

Hardware and software engineered to protect your data — trusted by millions.

## **Built for sharing**

DS223j is designed for small teams to share, sync, and collaborate more efficiently.

### **Multi-platform file access**

Manage your files and media from anywhere with Synology Drive. Available on PC, Mac, Linux, Chromebook, Android, iOS, or any device equipped with a browser.



**Real-time collaboration** 

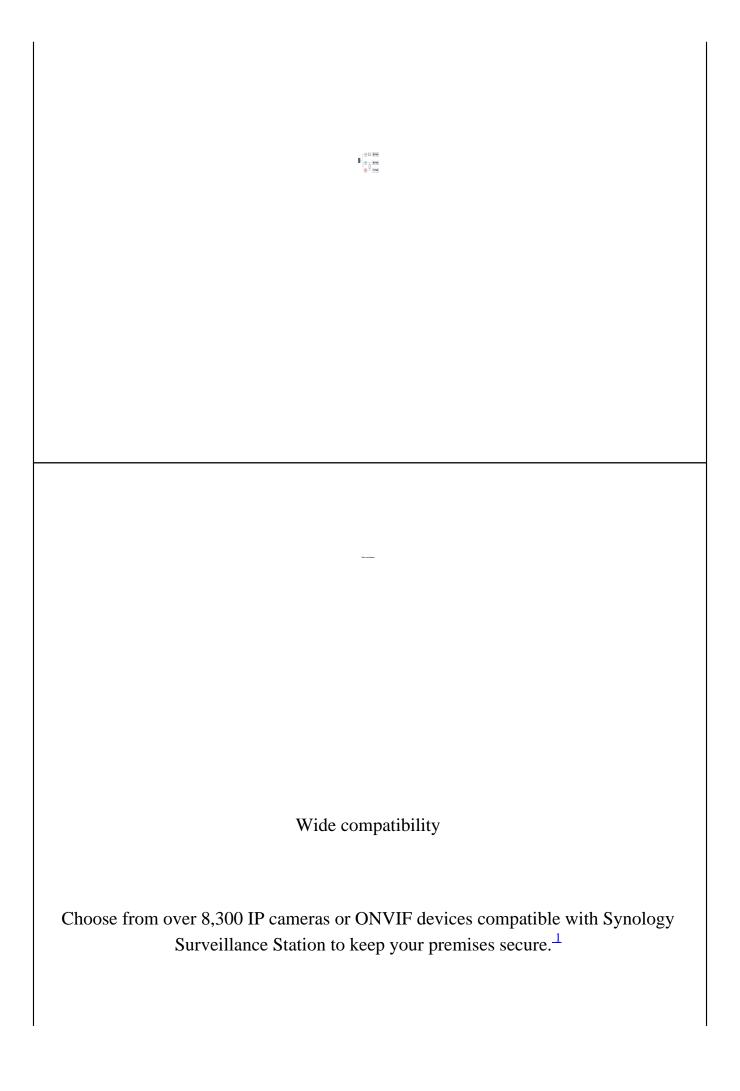
Stay productive while working in a team or with your clients. Work together acrodifferent platforms using Synology Office.	SS
Sync across sites	
Keeping data synced between different sites has never been easier. Synology Dri	ve
ShareSync keeps files and folders synchronized across Synology systems.	, .
1 1	

Seamless synchronization to clouds
Sync files between your private cloud and public cloud storage platforms, including Google Drive, Dropbox, Microsoft OneDrive, and more with Synology Cloud Sync. Retain local copies of your cloud data to centralize management and achieve data ownership.
10.00

Your data in safe hands with Btrfs <sup>1</sup>			
The advanced Btrfs file system helps safeguard data against corruption through file self-healing and allows for the reversal of unintentional or malicious changes through fast snapshot technology.			
10 10 10 10 10 10 10 10 10 10 10 10 10 1			
Store, share, and protect			
Use your DS124 to manage all your documents, photos, and other files, or protect your physical assets with professional video surveillance.			
Photo management			

Manage your photo collection
Organize your photos and videos with smart and intuitive features. Browse automatically generated albums using facial recognition, geolocation, tags, and more.
Sharing made safer and easier
Securely share media with others while leveraging enhanced privacy features for greater peace of mind. Create a Shared Space to work together with invitees using a folder-based media library.
報告

Data protection
Automated media backup
Automatically upload photos and videos taken on your mobile device to your private cloud with Synology Photos or Synology Drive.
Protection against cyberattacks
Leverage Synology Drive to protect data from ransomware attacks or accidental deletion with real-time or scheduled backup of your PC folders.



Universal access		
Watch live camera streams through web browsers, desktop clients, or mobile apps. Get notified of events and take immediate action.		
Add an extra layer of protection		

	Perform full Synology system backups			
_	your entire Synology device, including system settings and applications, or ecific folders. Transfer all backup data to multiple destinations using Hyper Backup. <sup>2</sup>			
	Keep your data safe with snapshots			
Take your data protection to the next level by creating automatic point-in-time snapshots of shared folders that can be copied off-site and rapidly restored using Snapshot Replication.				

#### **Software**

**DSM Specifications** 

Storage Management Maximum Single

108 TB

Volume Size

**Maximum Internal** 

64

Volume Number

Supported RAID

Type

• Synology Hybrid RAID

Basic

• JBOD

• RAID 0

• RAID 1

• Basic to RAID 1

• Synology Hybrid RAID

• RAID 1

• Synology Hybrid RAID

**RAID Migration** Volume Expansion with Larger HDDs Volume Expansion by Adding a HDD Notes

- 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.
- Actual maximum storage pool and volume sizes depend on drive sizes used, the number of drive bays available, and the RAID configuration.

**Internal Drives** File System Btrfs • ext4 **External Drives** Btrfs • ext4 ext3 FAT NTFS • HFS+ exFAT Notes Btrfs file system is available from DSM 7.2-64570. File Services File Protocol • SMB AFP NFS • FTP WebDAV Rsync Maximum Concurrent 100 SMB/AFP/FTP Connections Windows Access Control List (ACL) Integration **NFS Kerberos** Authentication Notes The testing standard was based on the maximum number of concurrent connections supported by this model. During the testing, 25% of the connections were used to transfer files concurrently. The transfer process guaranteed that the connections were not interrupted; the minimum transfer speed was not guaranteed. Account & Shared Maximum Local User 1,024 Folder Accounts Maximum Local 256 Groups Maximum Shared 256 Folder

4

Maximum Shared

Folder Sync Tasks Folder and Package

**Hyper Backup** 

Backup Syslog Events per 200 Log Center Second **General Supported Protocols** SMB1 (CIFS), SMB2, SMB3, NFSv3, **Specifications** NFSv4, NFSv4.1, NFS Kerberized sessions, iSCSI, HTTP, HTTPs, FTP, SNMP, LDAP, CalDAV • Chrome Supported Browsers Firefox • Edge Safari Supported Language English, Deutsch, Français, Italiano, Español, Dansk, Norsk, Svenska, Nederlands, ??????, Polski, Magyar, Português do Brasil, Português Europeu, Türkçe, ?eský, ???????, ???, ???, ????, ???? **Notes** For an updated list of supported browser versions, check the DSM Technical Specifications. Add-on Packages view the complete package list Synology Chat **Download Station** Maximum Concurrent 80 **Download Tasks** Maximum iSCSI 10 SAN Manager Target Number Maximum LUN 10 LUN Clone/Snapshot, Windows ODX Media Server **DLNA** Compliance Synology Photos **Facial Recognition Snapshot Replication** Maximum Snapshots 256 per Shared Folder Maximum of System 4,096 Snapshots **Notes** Snapshot Replication is available from DSM

Surveillance Station **Default Licenses**  2 (Additional cameras require purchase of

7.2-64570.

licenses)

• 720p: 12 channels, 360 FPS Suggested Maximum IP Cameras and Total FPS (H.264)

• 1080p: 12 channels, 360 FPS • 3M: 12 channels, 300 FPS

Suggested Maximum IP Cameras and Total FPS (H.265)

**Notes** 

• 5M: 12 channels, 150 FPS

• 4K: 11 channels, 110 FPS

• 720p: 12 channels, 360 FPS

• 1080p: 12 channels, 360 FPS

• 3M: 12 channels, 360 FPS

• 5M: 12 channels, 350 FPS

• 4K: 12 channels, 200 FPS

 Performance figures are obtained from testing conducted with the device fully populated with drives, with their default memory configuration, and under a continuous recording setup. Actual system capabilities may vary based on configuration, drive performance, enabled features, and the presence of additional workloads.

• Use <u>NVR Selector</u> to quickly find a suitable model based on your requirements.

• The maximum number of camera stream outputs is 2 times the suggested maximum number of IP cameras.

Synology Drive

Recommended
Number of
Concurrent Sync
Clients
Recommended
Number of Hosted
Files

200 (the number of connections that can be maintained when the recommended number of hosted files was reached)

500,000 (applies to files indexed or hosted by <u>Synology Drive</u>. For file access through other standard protocols, refer to the File Services section above)

Notes

- Exceeding the recommended numbers above will not block application operations, but may result in longer response time.
- Btrfs file system and non-encrypted shared folders were used during the aforementioned testing.

**Synology Office** 

Suggested Maximum 500 Users Suggested Concurrent 200 Users Notes

- Multiple files were opened for testing and each file was edited by 30 users simultaneously.
- Client performance may affect maximum simultaneous editing users. Client PCs used for testing: Intel Core i3-3220 / 8GB RAM

<u>VPN Server</u> Maximum 10
Connections

**Specification** 

Specification	
NAS	
CPU Model	Realtek RTD1619B
CPU Quantity	1
CPU Core	4
CPU Architecture	64-bit
CPU Frequency	1.7 GHz
Hardware Encryption	YES
Engine	
Memory	1 GB DDR4 non-ECC
Drive Bays	2
Compatible Drive Type	3.5 / 2.5 SATA - SSD
RJ-45 1GbE LAN Port	1
USB 3.2 Gen 1 Port	2
System Fan	92 mm x 92 mm x 1 pcs
Power Supply Unit /	60 watts 100V to 240V A 50/60 Hz, Single PhaseC
Adapter	

#### **Product Gallery**







