

SYNOLOGY

NAS 8-Bay Synology DiskStation DS1823XS+

SKU: 24001444 · EAN: 4711174724956

SPECIFIKAT TEKNIKE

89 specifikat e produktit

ATRIBUTI	VLERA
Storage	
Supported storage drive interfaces	Serial ATA
Storage drive sizes supported	2.5,3.5,M.2
Number of M.2 (M & B) slots	2
RAID support	Yes
RAID levels	0, 1, 5, 6, 10, JBOD
Online RAID migration	Yes
Online RAID expansion	Yes
Hot-swap drive bays	Yes
Supported file systems	BTRFS, Fat, HFS+, NTFS, exFAT, ext3, ext4
Storage drives installed	No
Total installed storage capacity	0 TB
Number of storage drives supported	8
Installed storage drive type	No
Supported storage drive types	HDD & SSD
Processor	
Processor manufacturer	AMD
Processor generation	AMD Ryzen Embedded V1000 Series
Processor family	Ryzen Embedded
Processor model	V1780B
Processor frequency	3.35 GHz
Processor boost frequency	3.6 GHz
Processor cores	4
Number of processors supported	1
Memory	
Internal memory	8 GB
Internal memory type	DDR4
Maximum RAM supported	32 GB

Memory slots	2
Memory form factor	SO-DIMM
ECC	Yes
Network	
Ethernet LAN	Yes
Ethernet LAN data rates	10,100,1000,10000 Mbit/s
Ethernet LAN data rate supported (max)	10000 Mbit/s
Copper ethernet cabling technology	10BASE-T, 10GBASE-T, 100BASE-TX, 1000BASE-T
iSCSI support	Yes
Supported network protocols	SMB1 (CIFS), SMB2, SMB3, NFSv3, NFSv4, NFSv4.1, NFS Kerberized sessions, iSCSI, Fibre Channel, HTTP, HTTPs, FTP, SNMP, LDAP, CalDAV
Link aggregation	Yes
Ports & interfaces	
USB port	Yes
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity	3
eSATA ports quantity	2
Ethernet LAN (RJ-45) ports	4
PCI Express x8 (Gen 3.x) slots	1
Design	
Chassis type	Tower
Cooling type	Active
Product colour	Black
Number of fans	2 fan(s)
Fan diameter	12 cm
LED indicators	Yes
Built-in display	No
Cable lock slot	Yes
Cable lock slot type	Kensington
Built-in speaker(s)	No
Performance	
Type	NAS
Device class	Small & Medium Business
Backup function	Yes
Backup features	Cloud, iSCSI LUN
Multilingual support	Yes
Noise level	23.6 dB

Card reader integrated	No
Snapshot	Yes
Management protocols	SNMP
Security algorithms	AES
Access Control List (ACL)	Yes
Reset button	Yes
On/off switch	Yes
Built-in FTP server	Yes
Browser supported	Google Chrome Firefox Microsoft Edge Safari
System log	Yes
Software	
Operating system installed	DiskStation Manager
Operating system version	7.1.1
Server operating systems supported	Windows Server 2019
Power	
Power supply location	Built-in
Power supply unit (PSU) capacity	250 W
Number of power supply units	1
Redundant power supply (RPS) support	No
Power consumption (typical)	87.93 W
AC input voltage	100 - 240 V
AC input frequency	50 / 60 Hz
Weight & dimensions	
Width	343 mm
Depth	243 mm
Height	166 mm
Weight	6.2 kg
Packaging content	
Cables included	AC, LAN (RJ-45)
Power cables quantity	1
Sustainability	
Sustainability compliance	Yes
Operational conditions	
Operating temperature (T-T)	0 - 40 °C
Operating relative humidity (H-H)	5 - 95%

Storage temperature (T-T)	-20 - 60 °C
Storage relative humidity (H-H)	5 - 95%
Other features	
Compliance certificates	CE, RoHS
Certification	FCCBSMIVCCIRCMEACCCCKC