



# QNAP DS723+ NAS Desktop Ethernet LAN Black R1600

Brand : QNAP

Product code: DS723+/16TB-HAT53

Product name : DS723+



AMD Ryzen R1600, 2 GB DDR4 ECC, 20.7 dB, 65 W, 100 - 240 V  
QNAP DS723+. Total installed storage capacity: 16 TB, Installed storage drive type: HDD, Supported storage drive types: HDD & SSD. Processor family: AMD Ryzen, Processor manufacturer: AMD, Processor model: R1600. Internal memory: 2 GB, Internal memory type: DDR4, Maximum RAM supported: 32 GB. Ethernet LAN data rates: 10,100,1000 Mbit/s, Ethernet LAN data rate supported (max): 10000 Mbit/s, Supported network protocols: SMB1 (CIFS), SMB2, SMB3, NFSv3, NFSv4, NFSv4.1, NFS Kerberized sessions, iSCSI, HTTP, HTTPs, FTP,..... Chassis type: Desktop, Cooling type: Active, Product colour: Black

Storage		Design	
Storage drive interface *	Serial ATA	Product colour	Black
Storage drive sizes supported	2.5,3.5,M.2	Number of fans	1 fan(s)
Number of M.2 (M & B) slots	2	Fan diameter	9.2 cm
RAID support *	✓	Drive bay locking	✓
RAID levels	0, 1, 5, 6, 10, JBOD	LED indicators	Power, Status
Online RAID migration	✓	Cable lock slot	✓
Online RAID expansion	✓	Cable lock slot type	Kensington
Hot-swap drive bays	✓	Performance	
Supported file systems	BTRFS, Fat, HFS+, NTFS, exFAT, ext3, ext4	Type *	NAS
Storage drives installed *	✓	Device class *	Home & Home Office
Total installed storage capacity *	16 TB	Backup function *	✓
Number of storage drives installed *	2	Backup features	Cloud, iSCSI LUN
Number of storage drives supported *	2	Multilingual support	✓
Installed storage drive type *	HDD	Number of users	2048 user(s)
Supported storage drive types *	HDD & SSD	Noise level	20.7 dB
Processor		Share folder access right management	✓
Processor manufacturer *	AMD	Security algorithms	AES, SSH, HTTPS, SSL/TLS
Processor family *	AMD Ryzen	Access Control List (ACL)	✓
Processor model *	R1600	Reset button	✓
Processor frequency *	2.6 GHz	On/off switch	✓
Processor boost frequency	3.1 GHz	Built-in FTP server	✓
Processor cores	2	Browser supported	Google Chrome, Firefox, Microsoft Edge, Safari
Processor threads	4	System log	✓
Number of processors supported	1	Share folder	512
Memory		Software	
Internal memory type	DDR4	Operating system installed *	DiskStation Manager
Maximum RAM supported	32 GB	Server operating systems supported	Windows Server 2016, Windows Server 2019
Memory slots	2	Power	
Internal memory *	2 GB	Power supply location	External
Memory form factor	SO-DIMM		

<b>Memory</b>		<b>Power</b>	
ECC	✓	Power supply unit (PSU) capacity	65 W
<b>Network</b>		Power consumption (typical)	21.07 W
Ethernet LAN *	✓	Power consumption (HDD standby)	8.62 W
Ethernet LAN data rates	10,100,1000 Mbit/s	AC input voltage	100 - 240 V
Ethernet LAN data rate supported (max)	10000 Mbit/s	AC input frequency	50 - 60 Hz
iSCSI support	✓	<b>Weight &amp; dimensions</b>	
Wake-on-LAN ready	✓	Width *	106 mm
Supported network protocols	SMB1 (CIFS), SMB2, SMB3, NFSv3, NFSv4, NFSv4.1, NFS Kerberized sessions, iSCSI, HTTP, HTTPS, FTP, SNMP, LDAP, CalDAV	Depth *	223 mm
		Height *	166 mm
Link aggregation	✓	<b>Packaging content</b>	
Load balancing system	✓	External power adapter	✓
<b>Ports &amp; interfaces</b>		Cables included	AC, LAN (RJ-45)
USB port *	✓	Power cables quantity	1
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity	1	<b>Technical details</b>	
eSATA ports quantity	1	Sustainability compliance	✓
Ethernet LAN (RJ-45) ports *	2	Sustainability certificates	CCC, CE, Federal Communications Commission (FCC), RoHS, UKCA
Concurrent connections	500	Compliance certificates	CCC, CE, Federal Communications Commission (FCC), RoHS, UKCA
PCI Express x2 (Gen 3.x) slots	1	<b>Operational conditions</b>	
<b>Design</b>		Operating temperature (T-T)	0 - 40 °C
Chassis type *	Desktop	Operating relative humidity (H-H)	8 - 80%
Cooling type *	Active	Storage temperature (T-T)	-20 - 60 °C
		Storage relative humidity (H-H)	5 - 95%
		Operating altitude	0 - 5000 m
		<b>Certificates</b>	
		Certification	BSMI, VCCI, RCM, EAC, KC

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