

## QNAP DS923+ NAS Tower Ethernet LAN Black R1600

Brand : QNAP

Product code: DS923+/72TB-HAT53

Product name : DS923+

4 x 3.5" / 2.5" SATA HDD / SSD, M.2 Drive Slots, AMD Ryzen R1600, 4 GB DDR4 ECC, 1GbE QNAP DS923+. Total installed storage capacity: 72 TB, Installed storage drive type: HDD, Supported storage drive types: HDD & SSD. Processor family: AMD Ryzen, Processor manufacturer: AMD, Processor model: R1600. Internal memory: 4 GB, Internal memory type: DDR4L, Maximum RAM supported: 32 GB. Ethernet LAN data rates: 10,100,1000 Mbit/s, Copper ethernet cabling technology: 10BASE-T, 100BASE-TX, 1000BASE-T, Supported network protocols: SMB1 (CIFS), SMB2, SMB3, NFSv3, NFSv4, NFSv4.1, NFS Kerberized sessions, iSCSI, HTTP, HTTPS, FTP,.... Chassis type: Tower, Cooling type: Active, Product colour: Black



Storage		Design	
Supported storage drive interfaces	M.2, Serial ATA III	Built-in display	✗
Storage drive sizes supported	2.5,3.5"	Cable lock slot	✓
Number of M.2 (M & B) slots	2	Cable lock slot type	Kensington
RAID support *	✓	Built-in speaker(s)	✗
RAID levels	0, 1, 5, 6, 10, JBOD	Performance	
Online RAID migration	✓	Type *	NAS
Online RAID expansion	✓	Device class *	Home & Home Office
Hot-swap drive bays	✓	Backup function *	✓
Supported file systems	BTRFS, Fat, HFS+, NTFS, ext3, ext4	Backup features	Cloud, iSCSI LUN
Storage drives installed *	✓	Multilingual support	✓
Total installed storage capacity *	72 TB	Noise level	22.9 dB
Number of storage drives installed *	4	Card reader integrated	✗
Number of storage drives supported *	4	Management protocols	SNMP
Installed storage drive type *	HDD	Security algorithms	AES
Supported storage drive types *	HDD & SSD	Access Control List (ACL)	✓
Processor		Reset button	✓
Processor manufacturer *	AMD	On/off switch	✓
Processor family *	AMD Ryzen	Built-in UPnP AV media server	✓
Processor model *	R1600	Built-in FTP server	✓
Processor frequency *	2.6 GHz	Browser supported	Google Chrome, Firefox, Microsoft Edge, Safari
Processor boost frequency	3.1 GHz	Hot spare	✓
Processor cores	2	Software	
Memory		Operating system installed *	DiskStation Manager
Internal memory type	DDR4L	Operating system version	7.1.1
Maximum RAM supported	32 GB	Server operating systems supported	Windows Server 2016, Windows Server 2019
Memory slots	2	Power	
Internal memory *	4 GB	Power supply location	External
ECC	✓	Power supply unit (PSU) capacity	100 W
Network		Number of power supply units	1
Ethernet LAN *	✓	Redundant power supply (RPS) support	✗
Ethernet LAN data rates	10,100,1000 Mbit/s	Power consumption (typical)	35.51 W
Copper ethernet cabling technology	10BASE-T, 100BASE-TX, 1000BASE-T	Power consumption (HDD standby)	11.52 W
iSCSI support	✓	AC input voltage	100 - 240 V
Wake-on-LAN ready	✓		

<b>Network</b>		<b>Power</b>	
Supported network protocols	SMB1 (CIFS), SMB2, SMB3, NFSv3, NFSv4, NFSv4.1, NFS Kerberized sessions, iSCSI, HTTP, HTTPS, FTP, SNMP, LDAP, CalDAV	AC input frequency	50 / 60 Hz
Link aggregation	✓	<b>Weight &amp; dimensions</b>	
<b>Ports &amp; interfaces</b>		Width *	199 mm
USB port *	✓	Depth *	223 mm
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity	2	Height *	166 mm
eSATA ports quantity	1	Weight	2.34 kg
Ethernet LAN (RJ-45) ports *	2	<b>Packaging content</b>	
PCI Express x2 (Gen 3.x) slots	1	External power adapter	✓
<b>Design</b>		Cables included	AC, LAN (RJ-45)
Chassis type *	Tower	Power cables quantity	1
Cooling type *	Active	<b>Technical details</b>	
Product colour	Black	Sustainability compliance	✓
Number of fans	2 fan(s)	Sustainability certificates	CE, RoHS
Fan diameter	9.2 cm	Compliance certificates	CE, RoHS
Drive bay locking	✓	<b>Operational conditions</b>	
LED indicators	✓	Operating temperature (T-T)	0 - 40 °C
		Operating relative humidity (H-H)	5 - 95%
		Storage temperature (T-T)	-20 - 60 °C
		<b>Certificates</b>	
		Certification	FCC BSMI VCCI RCM UKCA EAC CCC KC

Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity.