



# QNAP TS-H973AX-8G NAS Tower AMD Ryzen V1500B 8 GB DDR4 40 TB HDD QuTS hero Black



**Brand :** QNAP

**Product code:** TS-H973AX-8G/40TB-EXOS

**Product name :** TS-H973AX-8G

AMD Ryzen V1500B 2.2 GHz, 64-bit x86, 8 GB SO-DIMM DDR4 (1 x 8 GB), 5GB (Dual boot OS protection), 5 x 3.5-inch + 4 x 2.5-inch, 1 x 10GBASE-T, 2 x 2.5 Gigabit, Hot-swappable, USB 3.2 Gen 2, Kensington Security Slot

QNAP TS-H973AX-8G. Type: NAS. Chassis type: Tower. Device class: Small & Medium Business.

Processor family: AMD Ryzen, Processor model: V1500B, Processor frequency: 2.2 GHz. Internal memory: 8 GB, Internal memory type: DDR4. Total installed storage capacity: 40 TB, Installed storage drive type: HDD. Operating system installed: QuTS hero

Storage		Design	
Supported storage drive interfaces	Serial ATA II, Serial ATA III	Cable lock slot	✓
Storage drive sizes supported	2.5,3.5"	Cable lock slot type	Kensington
RAID support *	✓	<b>Performance</b>	
RAID rebuild	✓	Type *	NAS
Hot-swap drive bays	✓	Device class *	Small & Medium Business
Supported file systems	FAT32, HFS+, NTFS, ZFS, exFAT, ext3, ext4	Backup function *	✓
Storage drives installed *	✓	Backup features	Cloud, iSCSI LUN
Total installed storage capacity *	40 TB	Buzzer	✓
Number of storage drives supported *	9	Multilingual support	✓
Installed storage drive type *	HDD	Noise level	22.9 dB
Supported storage drive types *	HDD & SSD	Third-party support	✓
<b>Processor</b>		Security algorithms	256-bit AES, HTTPS, SSH
Processor manufacturer *	AMD	Reset button	✓
Processor family *	AMD Ryzen	On/off switch	✓
Processor model *	V1500B	Built-in FTP server	✓
Processor frequency *	2.2 GHz	Browser supported	Apple Safari 7 or later, Google Chrome, Microsoft Internet Explorer 10 or later, Mozilla Firefox
Processor cores	4	System log	✓
Processor threads	8	Hot spare	✓
<b>Memory</b>		Password authentication	✓
Internal memory *	8 GB	Disk scan	✓
Internal memory type	DDR4	S.M.A.R.T. support	✓
Maximum RAM supported	32 GB	Share folder	AFP, CIFS/SMB, FTP, WebDAV
Memory slots	2	<b>Software</b>	
Memory form factor	SO-DIMM	Operating system installed *	QuTS hero
Flash memory	5000 MB	Operating system version	4.5.0
<b>Network</b>		Windows operating systems supported	Windows 10, Windows 7, Windows 8
Ethernet LAN *	✓	Linux operating systems supported	CentOS 7.0, RedHat EL Linux 7.0, SuSE Linux 12.0, SuSE Linux 12.3, Ubuntu 14.10, Ubuntu 15.04, Ubuntu 15.10, Ubuntu 16.04, Ubuntu 16.10, Ubuntu 17.10
Ethernet LAN data rates	100,1000,2500,5000,10000 Mbit/s	Mac operating systems supported	Mac OS X 10.10 Yosemite, Mac OS X 10.11 El Capitan, Mac OS X 10.12 Sierra, Mac OS X 10.13 High Sierra, Mac OS X 10.14 Mojave, Mac OS X 10.15 Catalina, Mac OS X 10.15.3 Catalina
Ethernet LAN data rate supported (max)	10000 Mbit/s		
Copper ethernet cabling technology	10GBASE-T		
DHCP client	✓		
DHCP server	✓		
Jumbo frames support	✓		
iSCSI support	✓		
Wake-on-LAN ready	✓		
Link aggregation	✓		
Load balancing system	✓		

Network		Software	
Dynamic DNS (DDNS)	✓		
Ports & interfaces		Server operating systems supported	Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, Windows Server 2016, Windows Server 2019
USB port *	✓	Other operating systems supported	IBM AIX 7.1, IBM AIX 7.2, Solaris 10, Solaris 11
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	3		
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1		
Ethernet LAN (RJ-45) ports *	3		
Design		Power	
Chassis type *	Tower	Power supply location	External
Cooling type *	Active	Power supply unit (PSU) capacity	120 W
Product colour	Black	Number of power supply units	1
Number of fans	1 fan(s)	Power consumption (typical)	55.41 W
Fan diameter	14 cm	Power consumption (HDD standby)	41.2 W
Drive bay locking	✓	AC input voltage	100 - 240 V
LED indicators	HDD, LAN, Power, SSD, Status, USB	Fan voltage	12 V
		Weight & dimensions	
		Width *	224.6 mm
		Depth *	224.1 mm
		Height *	182.7 mm
		Weight	3.52 kg
		Packaging content	
		External power adapter	✓
		Cables included	DC, LAN (RJ-45)
		Number of screws	56
		Operational conditions	
		Operating temperature (T-T)	0 - 40 °C
		Operating relative humidity (H-H)	5 - 95%
		Storage temperature (T-T)	-20 - 70 °C
		Logistics data	
		Harmonized System (HS) code	84714100

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