



# QNAP TS-H973AX-8G NAS Tower AMD Ryzen V1500B 8 GB DDR4 20 TB HDD QuTS hero Black

**Brand :** QNAP

**Product code:** TS-H973AX-8G/20TB-IWP

**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: 20 TB, Installed storage drive type: HDD. Operating system installed: QuTS hero



Storage		Design	
Supported storage drive interfaces	Serial ATA II, Serial ATA III	LED indicators	HDD, LAN, Power, SSD, Status, USB
Storage drive sizes supported	2.5,3.5"	Cable lock slot	✓
RAID support *	✓	Cable lock slot type	Kensington
RAID rebuild	✓	Performance	
Hot-swap drive bays	✓	Type *	NAS
Supported file systems	FAT32, HFS+, NTFS, ZFS, exFAT, ext3, ext4	Device class *	Small & Medium Business
Storage drives installed *	✓	Backup function *	✓
Total installed storage capacity *	20 TB	Backup features	Cloud, iSCSI LUN
Number of storage drives supported *	9	Buzzer	✓
Installed storage drive type *	HDD	Multilingual support	✓
Supported storage drive types *	HDD & SSD	Noise level	22.9 dB
Processor		Third-party support	✓
Processor manufacturer *	AMD	Security algorithms	256-bit AES, HTTPS, SSH
Processor family *	AMD Ryzen	Reset button	✓
Processor model *	V1500B	On/off switch	✓
Processor frequency *	2.2 GHz	Built-in FTP server	✓
Processor cores	4	Browser supported	Apple Safari 7 or later, Google Chrome, Microsoft Internet Explorer 10 or later, Mozilla Firefox
Processor threads	8	System log	✓
Memory		Hot spare	✓
Internal memory *	8 GB	Password authentication	✓
Internal memory type	DDR4	Disk scan	✓
Maximum RAM supported	32 GB	S.M.A.R.T. support	✓
Memory slots	2	Share folder	AFP, CIFS/SMB, FTP, WebDAV
Memory form factor	SO-DIMM	Software	
Flash memory	5000 MB	Operating system installed *	QuTS hero
Network		Operating system version	4.5.0
Ethernet LAN *	✓	Windows operating systems supported	Windows 10, Windows 7, Windows 8
Ethernet LAN data rates	100,1000,2500,5000,10000 Mbit/s	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 rate supported (max)	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
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
		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

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