



# QNAP TS-h973AX NAS Tower Ryzen Embedded V1500B 8 GB DDR4 5 TB HDD QuTS hero Black

Brand : QNAP

Product code: TS-H973AX-8G/5TB-GOLD

Product name : TS-h973AX

AMD Ryzen Embedded V1500B (4x 2.2GHz), 8GB DDR4, 5GB Flash, 5x 2.5"/3.5" SATA, 4x 2.5" SATA, LAN, USB

QNAP TS-h973AX. Type: NAS. Chassis type: Tower. Device class: Home & Home Office. Processor family: Ryzen Embedded, Processor model: V1500B, Processor frequency: 2.2 GHz. Internal memory: 8 GB, Internal memory type: DDR4. Total installed storage capacity: 5 TB, Installed storage drive type: HDD. Operating system installed: QuTS hero



Storage		Performance	
Storage drive capacity *	18 TB	Type *	NAS
Storage drive interface *	Serial ATA II, Serial ATA III	Device class *	Home & Home Office
Supported storage drive interfaces	Serial ATA II, Serial ATA III	Backup function *	✓
Storage drive size	2.5/3.5"	Backup features	Cloud, iSCSI LUN
Storage drive sizes supported	2.5,3.5"	Buzzer	✓
RAID support *	✓	Multilingual support	✓
RAID levels	0, 1, 5, 6, 10, 50, 60, JBOD	Number of users	2000 user(s)
Online RAID migration	✓	Noise level	22.9 dB
Online RAID expansion	✓	Third-party support	✓
RAID rebuild	✓	Snapshot	✓
Hot-swap drive bays	✓	Management protocols	SNMP
Supported file systems	FAT32, HFS+, NTFS, ZFS, exFAT, ext3, ext4	Web-based management	✓
Storage drives installed *	✓	Share folder access right management	✓
Total installed storage capacity *	5 TB	Security algorithms	256-bit AES, FIPS 140-2, HTTPS, SSH, SSL/TLS
Number of storage drives installed *	5	Access Control List (ACL)	✓
Number of storage drives supported *	9	Reset button	✓
Installed storage drive type *	HDD	On/off switch	✓
Supported storage drive types *	HDD & SSD	Built-in BitTorrent client	✓
Bad block scan	✓	Built-in UPnP AV media server	✓
Disk roaming	✓	Built-in FTP server	✓
<b>Processor</b>		Browser supported	Safari, Chrome, Internet Explorer, Firefox
Processor manufacturer *	AMD	System log	✓
Processor family *	Ryzen Embedded	Hot spare	✓
Processor model *	V1500B	Password authentication	✓
Processor frequency *	2.2 GHz	Disk scan	✓
Processor cores	4	S.M.A.R.T. support	✓
<b>Memory</b>		Share folder	AFP, CIFS/SMB, FTP, WebDAV
Internal memory *	8 GB	USB copy function	✓
Internal memory type	DDR4	<b>Software</b>	
Maximum RAM supported	64 GB	Operating system installed *	QuTS hero
Memory slots	2	Operating system version	h5.0.0
Memory form factor	SO-DIMM	Windows operating systems supported	Windows 10, Windows 7, Windows 8
ECC	✓	Linux operating systems supported	✓
Flash memory	5000 MB		

Network		Software	
Ethernet LAN *	✓	Mac operating systems supported	✓
Ethernet LAN data rates	100,1000,2500,5000,10000 Mbit/s	Server operating systems supported	Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, Windows Server 2016, Windows Server 2019
Ethernet LAN data rate supported (max)	10000 Mbit/s	Other operating systems supported	✓
DHCP client	✓	<b>Power</b>	
DHCP server	✓	Power supply location	External
Jumbo frames support	✓	Power supply unit (PSU) capacity	120 W
iSCSI support	✓	Number of power supply units	1
Wake-on-LAN ready	✓	Power consumption (typical)	55.41 W
Link aggregation	✓	Power consumption (HDD standby)	41.2 W
Load balancing system	✓	AC input voltage	100 - 240 V
Dynamic DNS (DDNS)	✓	Fan voltage	12 V
WLAN adapter supported	✓	<b>Weight &amp; dimensions</b>	
<b>Ports &amp; interfaces</b>		Width *	224.6 mm
USB port *	✓	Depth *	224.1 mm
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	3	Height *	182.7 mm
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1	<b>Packaging content</b>	
Ethernet LAN (RJ-45) ports *	3	External power adapter	✓
<b>Design</b>		Cables included	AC, LAN (RJ-45)
Chassis type *	Tower	Power cables quantity	1
Cooling type *	Active	Number of screws	56
Product colour	Black	<b>Operational conditions</b>	
Number of fans	1 fan(s)	Operating temperature (T-T)	0 - 40 °C
Fan diameter	14 cm	Operating relative humidity (H-H)	5 - 95%
Drive bay locking	✓	Storage temperature (T-T)	-20 - 70 °C
LED indicators	HDD, LAN, Power, SSD, Status, USB	Storage relative humidity (H-H)	5 - 95%
Cable lock slot	✓	<b>Logistics data</b>	
Cable lock slot type	Kensington	Harmonized System (HS) code	84714100

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