QNAP TS-H973AX-8G NAS Tower AMD Ryzen V1500B 8 GB DDR4 60 TB HDD QuTS hero Black

Brand : QNAP

Product code: TS-H973AX-8G/60TB-IW

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

Storage	
Supported storage drive interfaces	Serial ATA II, Serial ATA III
Storage drive sizes supported	2.5,3.5"
RAID support *	✓
RAID rebuild	✓
Hot-swap drive bays	✓
Supported file systems	FAT32, HFS+, NTFS, ZFS, exFAT, ext3, ext4
Storage drives installed *	✓
Total installed storage capacity *	60 TB
Number of storage drives supported *	9
Installed storage drive type *	HDD
Supported storage drive types *	HDD & SSD

Processor	
Processor manufacturer *	AMD
Processor family *	AMD Ryzen
Processor model *	V1500B
Processor frequency *	2.2 GHz
Processor cores	4
Processor threads	8

Memory	
Internal memory *	8 GB
Internal memory type	DDR4
Maximum RAM supported	32 GB
Memory slots	2
Memory form factor	SO-DIMM
Flash memory	5000 MB

Network	
Ethernet LAN *	✓
Ethernet LAN data rates	100,1000,2500,5000,10000 Mbit/s
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	✓

Design	
LED indicators	HDD, LAN, Power, SSD, Status, USB
Cable lock slot	✓
Cable lock slot type	Kensington

Performance	
Type *	NAS
Device class *	Small & Medium Business
Backup function *	✓
Backup features	Cloud, iSCSI LUN
Buzzer	✓
Multilingual support	✓
Noise level	22.9 dB
Third-party support	✓
Security algorithms	256-bit AES, HTTPS, SSH
Reset button	✓
On/off switch	✓
Built-in FTP server	✓
Browser supported	Apple Safari 7 or later, Google Chrome, Microsoft Internet Explorer 10 or later, Mozilla Firefox
System log	✓
Hot spare	✓
Password authentication	✓
Disk scan	✓
S.M.A.R.T. support	✓
Share folder	AFP, CIFS/SMB, FTP, WebDAV

Software	
Operating system installed *	QuTS hero
Operating system version	4.5.0
Windows operating systems supported	Windows 10, Windows 7, Windows 8
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
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

Network	
Dynamic DNS (DDNS)	✓

Ports & interfaces	
USB port *	✓
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	
Chassis type *	Tower
Cooling type *	Active
Product colour	Black
Number of fans	1 fan(s)
Fan diameter	14 cm
Drive bay locking	✓

Software	
Server operating systems supported	Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, Windows Server 2016, Windows Server 2019
Other operating systems supported	IBM AIX 7.1, IBM AIX 7.2, Solaris 10, Solaris 11

Power	
Power supply location	External
Power supply unit (PSU) capacity	120 W
Number of power supply units	1
Power consumption (typical)	55.41 W
Power consumption (HDD standby)	41.2 W
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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