



# QNAP TS-H973AX-8G NAS Tower AMD Ryzen V1500B 8 GB DDR4 10 TB HDD QuTS hero Black



**Brand :** QNAP

**Product code:** TS-H973AX-8G/10TB-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: 10 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 *     | 10 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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