QNAP TS-473A-8G/8TB-IW NAS/storage server Tower Ryzen Embedded V1500B 8 GB DDR4 HDD QNAP Turbo System Black

Brand : QNAP

Product code: TS-473A-8G/8TB-IW

Product name : TS-473A-8G/8TB-IW

- Both 2.5GbE ports are backwards compatible with 1GbE/ 100MbE speeds. Up to 5 Gbps transfer speeds can be achieved by using port trunking
- Add extra functionality with PCIe cards, including 10GbE ports, SSD caching, extra USB 3.2 Gen 2 ports, wireless networking, or Fibre Channel
- Supports entry-level NVIDIA® graphics cards for video processing or GPU-passthrough to VMs
- Features two M.2 PCIe NVMe SSD slots for Qtier Technology and SSD Caching enable constant storage optimization
- Host containerized applications and virtual machines with various operating systems
- Features QTS operating system and supports switching to ZFS-based QuTS hero for greater reliability
AMD Ryzen Embedded V1500B (4x 2.2 GHz), 8GB DDR4, 4x 2.5"/3.5" SATA, 3x Type-A USB 3.2 Gen, HDMI, 1x Type-C USB 3.2 Gen

Storage	
Storage drive interface *	Serial ATA II, Serial ATA III
Supported storage drive interfaces	M.2, Serial ATA II, Serial ATA III
Storage drive sizes supported	2.5,3.5,M.2
Number of system drives installed	1
System drive capacity	5 GB
Number of M.2 (M & B) slots	2
RAID support *	✓
RAID levels	0, 1, 5, 6, 10, JBOD
Online RAID migration	✓
Online RAID expansion	✓
RAID rebuild	✓
Hot-swap drive bays	✓
Storage drives installed *	✓
Total installed storage capacity *	8 TB
Number of storage drives installed *	4
Number of storage drives supported *	4
Installed storage drive type *	HDD
Supported storage drive types *	HDD & SSD

Processor	
Processor manufacturer *	AMD
Processor family *	Ryzen Embedded
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	64 GB
Memory slots	2
Memory form factor	SO-DIMM
Flash memory	5000 MB

Network	
Ethernet LAN *	✓
Ethernet LAN data rates	100,1000,2500 Mbit/s
DHCP server	✓
Jumbo frames support	✓

Design	
Number of fans	2 fan(s)
Fan diameter	12 cm
Fan diameter 2	6 cm
Drive bay locking	✓
LED indicators	✓

Performance	
Type *	NAS
Device class *	Small & Medium Business
Backup function *	✓
Backup features	Cloud, USB drive, iSCSI LUN
Buzzer	✓
Noise level	21.4 dB
Snapshot	✓
Security algorithms	256-bit AES, FIPS 140-2, SSH, SSL/TLS
Reset button	✓
On/off switch	✓
Built-in FTP server	✓
Browser supported	Mozilla Firefox, Microsoft Edge, Google Chrome, Apple Safari
Password authentication	✓
Disk scan	✓
S.M.A.R.T. support	✓
Remotely operated	✓
USB copy function	✓

Software	
Operating system installed *	QNAP Turbo System
Windows operating systems supported	Windows 10, Windows 7, Windows 8
Linux operating systems supported	✓
Mac operating systems supported	Mac OS X 10.10 Yosemite
Server operating systems supported	Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, Windows Server 2016, Windows Server 2019

Power	
Power supply location	Built-in
Power supply unit (PSU) capacity	250 W
Number of power supply units	1

Network	
Wake-on-LAN ready	✓
Dynamic DNS (DDNS)	✓
WLAN adapter supported	✓

Ports & interfaces	
USB port *	✓
USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity	1
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	3
Ethernet LAN (RJ-45) ports *	2
PCI Express x4 (Gen 3.x) slots	2

Design	
Chassis type *	Tower
Cooling type *	Active
Product colour	Black

Power	
Power consumption (typical)	29.792 W
Power consumption (HDD standby)	19.576 W
AC input voltage	100 - 240 V
AC input frequency	50 - 60 Hz
Fan voltage	12 V

Weight & dimensions	
Width *	199.3 mm
Depth *	280.8 mm
Height *	188.2 mm

Packaging content	
Cables included	AC, LAN (RJ-45)
Power cables quantity	1
Number of screws	24

Operational conditions	
Operating temperature (T-T)	0 - 40 °C
Operating relative humidity (H-H)	5 - 95%
Storage temperature (T-T)	-20 - 70 °C
Storage relative humidity (H-H)	5 - 95%

Logistics data	
Harmonized System (HS) code	84714100

Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity.

Publication date: 08-SEP-2024. Prints or copies of Information are only valid on the printed Publication date