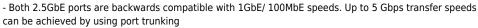
## QNAP

## 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



- Add extra functionality with PCle 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		Design	
Storage drive interface *	Serial ATA II, Serial ATA III	Number of fans	2 fan(s)
Supported storage drive interfaces	M.2, Serial ATA II, Serial ATA III	Fan diameter	12 cm
Storage drive sizes supported	2.5,3.5,M.2	Fan diameter 2	6 cm
Number of system drives installed	1	Drive bay locking	✓
System drive capacity	5 GB	LED indicators	✓
Number of M.2 (M & B) slots	2	Performance	
RAID support *	✓	Type *	NAS
RAID levels	0, 1, 5, 6, 10, JBOD	Device class *	Small & Medium Business
Online RAID migration	✓	Backup function *	1
Online RAID expansion	1	Backup features	Cloud, USB drive, iSCSI LUN
RAID rebuild	1	Buzzer	✓
Hot-swap drive bays	1	Noise level	21.4 dB
Storage drives installed *	1	Snapshot	J
Total installed storage capacity * Number of storage drives installed *	8 TB 4	Security algorithms	256-bit AES, FIPS 140-2, SSH, SSL/TLS
Number of storage drives supported	Δ	Reset button	✓
*	4	On/off switch	1
Installed storage drive type *	HDD	Built-in FTP server	1
Supported storage drive types *  Processor	HDD & SSD	Browser supported	Mozilla Firefox, Microsoft Edge, Google Chrome, Apple Safari
Processor manufacturer *	AMD	Password authentication	<b>√</b>
Processor family *	Ryzen Embedded	Disk scan	✓
Processor model *	V1500B	S.M.A.R.T. support	✓
	2.2 GHz	Remotely operated	✓
Processor frequency *	4	USB copy function	1
Processor cores Processor threads	8	. ,	
Processor tiffeads	0	Software	
Memory		Operating system installed *	QNAP Turbo System
Internal memory * Internal memory type	8 GB DDR4	Windows operating systems supported	Windows 10, Windows 7, Windows 8
Maximum RAM supported	64 GB	Linux operating systems supported	✓
Memory slots	2	Mac operating systems supported	Mac OS X 10.10 Yosemite
Memory form factor	SO-DIMM	Sarvar aparating systems supported	Windows Server 2008 R2, Windows Server 2012, Windows Server 2012
Flash memory	5000 MB	Server operating systems supported	R2, Windows Server 2016, Windows Server 2019
Network		Power	
Ethernet LAN *	100 1000 0500 141 117	Power supply location	Built-in
Ethernet LAN data rates	100,1000,2500 Mbit/s	Power supply unit (PSU) capacity	250 W
DHCP server	<b>√</b>	Number of power supply units	250 W
Jumbo frames support	✓	Marrison of power supply utilits	<b>±</b>

Network		Power	
Wake-on-LAN ready Dynamic DNS (DDNS) WLAN adapter supported	√ √ √	Power consumption (typical) Power consumption (HDD standby) AC input voltage AC input frequency	29.792 W 19.576 W 100 - 240 V 50 - 60 Hz 12 V
Ports & interfaces			
USB port * USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity	1	Fan voltage  Weight & dimensions  Width *	199.3 mm
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity Ethernet LAN (RJ-45) ports *	3 2	Depth * Height *	280.8 mm 188.2 mm
PCI Express x4 (Gen 3.x) slots	Express x4 (Gen 3.x) slots 2	Packaging content	
Design Chassis type *	Tower	Cables included Power cables quantity	AC, LAN (RJ-45) 1
Cooling type *	Active	Number of screws	24
Product colour	Black	Operational conditions	
		Operating temperature (T-T) Operating relative humidity (H-H) Storage temperature (T-T) Storage relative humidity (H-H)	0 - 40 °C 5 - 95% -20 - 70 °C 5 - 95%
		Logistics data	
		Harmonized System (HS) code	84714100

