



# QNAP TVS-472XT-I3-4G/24TB-IW NAS/storage server Tower

## Ethernet LAN Black i3-8100T



**Brand :** QNAP

**Product code:** TVS-472XT-I3-4G/24TB-IW



**Product name :** TVS-472XT-I3-4G/24TB-IW

- High-speed Thunderbolt 3 with SMB protocol, allowing Mac and Windows users to collaborate on media editing
  - 5-speed 10GBASE-T RJ45 connectivity accelerates virtualization applications and file sharing across teams and devices
  - PCIe expandability allows for graphics cards or 40GbE/ 25GbE/ 10GbE adapters to increase application performance
  - Install M.2 PCIe (Gen 3 x2, 2 GB/s) NVMe SSDs (sold separately) to set up caching or storage pools, improving file access efficiency
  - 4K media playback and real-time transcoding; directly view creative works on an HDTV via HDMI 2.0 (4K @60Hz) output
  - Snapshots fully record system status and data, allowing you to protect files and data from accidental deletion and malware attacks
- Intel Core i3-8100T, 4 GB DDR4, 4x 3.5", 2x M.2, RJ-45, Thunderbolt, PCIe, USB 3.2, HDMI, 188.2×199.3×279.6 mm

Storage		Design	
Storage drive interface *	Serial ATA II, Serial ATA III	LED indicators	HDD, LAN, Status, USB
Supported storage drive interfaces	Serial ATA II, Serial ATA III	Built-in display	✓
Storage drive size	2.5/3.5"	Display type	LCD
Storage drive sizes supported	2.5,3.5"	Cable lock slot	✓
Number of system drives installed	1	Cable lock slot type	Kensington
System drive capacity	5 GB	Performance	
Number of M.2 (M & B) slots	2	Type *	NAS
RAID support *	✓	Device class *	Small & Medium Business
RAID levels	0, 1, 5, 6, 10, JBOD	Backup function *	✓
Online RAID migration	✓	Backup features	Cloud, iSCSI LUN
Online RAID expansion	✓	Buzzer	✓
RAID rebuild	✓	Multilingual support	✓
Hot-swap drive bays	✓	Noise level	21.2 dB
Supported file systems	FAT32, HFS+, NTFS, ext3, ext4	Security algorithms	256-bit AES, HTTPS, SSL/TLS
Storage drives installed *	✓	Access Control List (ACL)	✓
Total installed storage capacity *	24 TB	Reset button	✓
Number of storage drives installed *	4	On/off switch	✓
Number of storage drives supported *	4	Built-in FTP server	✓
Installed storage drive type *	HDD	Browser supported	Mozilla Firefox, Microsoft Edge, Google Chrome, Apple Safari
Supported storage drive types *	HDD & SSD	System log	✓
Processor		Hot spare	✓
Processor manufacturer *	Intel	S.M.A.R.T. support	✓
Processor generation	8th gen Intel® Core™ i3	Share folder	CIFS/SMB
Processor family *	Intel® Core™ i3	USB copy function	✓
Processor model *	i3-8100T	Software	
Processor frequency *	3.1 GHz	Operating system installed *	QNAP Turbo System
Processor cores	4	Operating system version	4.4.0
Processor threads	4	Windows operating systems supported	Windows 10, Windows 7, Windows 8
Processor cache	6 MB	Linux operating systems supported	✓
Bus type	DMI3		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, Mac OS X 10.7 Lion, Mac OS X 10.8 Mountain Lion, Mac OS X 10.9 Mavericks, Mac OS X 11.0 Big Sur
Configurable TDP-down frequency	2.4 GHz	Mac operating systems supported	
CPU configuration (max)	1		
Number of processors supported	1		
On-board graphics card model	Intel® UHD Graphics 630		
Memory			
Internal memory type	DDR4		
Maximum RAM supported	64 GB		

<b>Memory</b>		<b>Software</b>	
Memory slots	2	Server operating systems supported	Windows Server 2003, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, Windows Server 2016
Internal memory *	4 GB		
Memory form factor	SO-DIMM		
Flash memory	5000 MB		
<b>Network</b>		<b>Power</b>	
Ethernet LAN *	✓	Power supply location	Built-in
Ethernet LAN data rates	10,100,1000,2500,5000,10000 Mbit/s	Power supply unit (PSU) capacity	250 W
Ethernet LAN data rate supported (max)	10000 Mbit/s	Number of power supply units	1
DHCP client	✓	Power consumption (typical)	37.32 W
DHCP server	✓	Power consumption (sleep)	24.14 W
Jumbo frames support	✓	AC input voltage	100-240 V
iSCSI support	✓	Fan voltage	12 V
Wake-on-LAN ready	✓	<b>Weight &amp; dimensions</b>	
Link aggregation	✓	Width *	199.3 mm
Load balancing system	✓	Depth *	279.6 mm
Dynamic DNS (DDNS)	✓	Height *	188.2 mm
WLAN adapter supported	✓	Weight	5.4 kg
<b>Ports &amp; interfaces</b>		<b>Packaging content</b>	
USB port *	✓	Cables included	AC, LAN (RJ-45)
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity	1	Power cables quantity	1
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2	<b>Processor special features</b>	
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	2	Embedded options available	✓
HDMI ports quantity	1	Enhanced Intel SpeedStep Technology	✓
HDMI version	2.0	Execute Disable Bit	✓
Ethernet LAN (RJ-45) ports *	3	Idle States	✓
Thunderbolt 3 ports quantity	2	Intel 64	✓
PCI Express x4 (Gen 3.x) slots	1	Intel Clear Video Technology	✓
<b>Design</b>		Intel Enhanced Halt State	✓
Chassis type *	Tower	Intel Identity Protection Technology version	1.00
Cooling type *	Active	Intel Secure Key Technology version	1.00
Product colour	Black	Intel Stable Image Platform Program (SIPP)	✗
Number of fans	3 fan(s)	Intel Stable Image Platform Program (SIPP) version	0.00
Fan diameter	12 cm	Intel Trusted Execution Technology	✗
Fan diameter 2	6 cm	Intel TSX-NI	✗
		Intel TSX-NI version	0.00
		Intel Virtualization Technology (VT-x)	✓
		Intel Virtualization Technology for Directed I/O (VT-d)	✓
		Intel VT-x with Extended Page Tables (EPT)	✓
		<b>Operational conditions</b>	
		Operating temperature (T-T)	0 - 40 °C
		Operating relative humidity (H-H)	5 - 95%
		Storage temperature (T-T)	-20 - 70 °C
		<b>Logistics data</b>	
		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: 25-MAR-2024. Prints or copies of Information are only valid on the printed Publication date