



QNAP TVS-472XT-I3-4G/16TB-GOLD NAS/storage server Tower Intel® Core™ i3 i3-8100T 4 GB DDR4 HDD QNAP Turbo System Black

Brand : QNAP

Product code: TVS-472XT-I3-4G/16TB-GOLD

Product name : TVS-472XT-I3-4G/16TB-GOLD

- 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	Fan diameter 2	6 cm
Supported storage drive interfaces	Serial ATA II, Serial ATA III	LED indicators	HDD, LAN, Status, USB
Storage drive size	2.5/3.5"	Built-in display	✓
Storage drive sizes supported	2.5,3.5"	Display type	LCD
Number of system drives installed	1	Cable lock slot	✓
System drive capacity	5 GB	Cable lock slot type	Kensington
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 *	✓
Online RAID expansion	✓	Backup features	Cloud, iSCSI LUN
RAID rebuild	✓	Buzzer	✓
Hot-swap drive bays	✓	Multilingual support	✓
Supported file systems	FAT32, HFS+, NTFS, ext3, ext4	Noise level	21.2 dB
Storage drives installed *	✓	Security algorithms	256-bit AES, HTTPS, SSL/TLS
Total installed storage capacity *	16 TB	Access Control List (ACL)	✓
Number of storage drives installed *	4	Reset button	✓
Number of storage drives supported *	4	On/off switch	✓
Installed storage drive type *	HDD	Built-in FTP server	✓
Supported storage drive types *	HDD & SSD	Browser supported	Mozilla Firefox, Microsoft Edge, Google Chrome, Apple Safari
Processor		System log	✓
Processor manufacturer *	Intel	Hot spare	✓
Processor generation	8th gen Intel® Core™ i3	S.M.A.R.T. support	✓
Processor family *	Intel® Core™ i3	Share folder	CIFS/SMB
Processor model *	i3-8100T	USB copy function	✓
Processor frequency *	3.1 GHz	Software	
Processor cores	4	Operating system installed *	QNAP Turbo System
Processor threads	4	Operating system version	4.4.0
Processor cache	6 MB	Windows operating systems supported	Windows 10, Windows 7, Windows 8
Bus type	DMI3	Linux operating systems supported	✓
Configurable TDP-down frequency	2.4 GHz		
CPU configuration (max)	1		
Number of processors supported	1		

Processor		Software		
On-board graphics card model	Intel® UHD Graphics 630		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	
Memory		Mac operating systems supported		
Internal memory *	4 GB			
Internal memory type	DDR4			
Maximum RAM supported	64 GB			
Memory slots	2			
Memory form factor	SO-DIMM			
Flash memory	5000 MB	Server operating systems supported	Windows Server 2003, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, Windows Server 2016	
Network				
Ethernet LAN *	✓			Power
Ethernet LAN data rates	10,100,1000,2500,5000,10000 Mbit/s		Power supply location	Built-in
Ethernet LAN data rate supported (max)	10000 Mbit/s		Power supply unit (PSU) capacity	250 W
DHCP client	✓		Number of power supply units	1
DHCP server	✓	Power consumption (typical)	37.32 W	
Jumbo frames support	✓	Power consumption (sleep)	24.14 W	
iSCSI support	✓	AC input voltage	100-240 V	
Wake-on-LAN ready	✓	Fan voltage	12 V	
Link aggregation	✓		Weight & dimensions	
Load balancing system	✓	Width *	199.3 mm	
Dynamic DNS (DDNS)	✓	Depth *	279.6 mm	
WLAN adapter supported	✓	Height *	188.2 mm	
		Weight	5.4 kg	
Ports & interfaces			Packaging content	
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		Processor special features	
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	✓	
Thunderbolt 3 ports quantity	2	Idle States	✓	
Ethernet LAN (RJ-45) ports *	3	Intel 64	✓	
PCI Express x4 (Gen 3.x) slots	1	Intel Clear Video Technology	✓	
		Intel Enhanced Halt State	✓	
Design		Intel Identity Protection Technology version	1.00	
Chassis type *	Tower	Intel Secure Key Technology version	1.00	
Cooling type *	Active	Intel Stable Image Platform Program (SIPP)	✗	
Product colour	Black	Intel Stable Image Platform Program (SIPP) version	0.00	
Number of fans	3 fan(s)	Intel Trusted Execution Technology	✗	
Fan diameter	12 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)	✓	
			Operational conditions	
		Operating temperature (T-T)	0 - 40 °C	
		Operating relative humidity (H-H)	5 - 95%	
		Storage temperature (T-T)	-20 - 70 °C	

Catalog Object Cloud



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.