



QNAP TVS-472XT-I3-4G/56TB-EXOS 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/56TB-EXOS

Product name : TVS-472XT-I3-4G/56TB-EXOS

- 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 *	56 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 *	✓			
Ethernet LAN data rates	10,100,1000,2500,5000,10000 Mbit/s		Power	
Ethernet LAN data rate supported (max)	10000 Mbit/s		Power supply location	Built-in
DHCP client	✓		Power supply unit (PSU) capacity	250 W
DHCP server	✓	Number of power supply units	1	
Jumbo frames support	✓	Power consumption (typical)	37.32 W	
iSCSI support	✓	Power consumption (sleep)	24.14 W	
Wake-on-LAN ready	✓	AC input voltage	100-240 V	
Link aggregation	✓	Fan voltage	12 V	
Load balancing system	✓			
Dynamic DNS (DDNS)	✓	Weight & dimensions		
WLAN adapter supported	✓	Width *	199.3 mm	
Ports & interfaces		Depth *	279.6 mm	
USB port *	✓	Height *	188.2 mm	
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity	1	Weight	5.4 kg	
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2	Packaging content		
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	2	Cables included	AC, LAN (RJ-45)	
HDMI ports quantity	1	Power cables quantity	1	
HDMI version	2.0	Processor special features		
Thunderbolt 3 ports quantity	2	Embedded options available	✓	
Ethernet LAN (RJ-45) ports *	3	Enhanced Intel SpeedStep Technology	✓	
PCI Express x4 (Gen 3.x) slots	1	Execute Disable Bit	✓	
Design		Idle States	✓	
Chassis type *	Tower	Intel 64	✓	
Cooling type *	Active	Intel Clear Video Technology	✓	
Product colour	Black	Intel Enhanced Halt State	✓	
Number of fans	3 fan(s)	Intel Identity Protection Technology version	1.00	
Fan diameter	12 cm	Intel Secure Key Technology version	1.00	
		Intel Stable Image Platform Program (SIPP)	✗	
		Intel Stable Image Platform Program (SIPP) version	0.00	
		Intel Trusted Execution Technology	✗	
		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.