



## QNAP TVS-672X-I3-8G/48TB-IWP NAS/storage server Tower Intel® Core™ i3 i3-8100T 8 GB DDR4 HDD QNAP Turbo System Black

**Brand :** QNAP

**Product code:** TVS-672X-I3-8G/48TB-IWP

**Product name :** TVS-672X-I3-8G/48TB-IWP

- 5-speed 10GBASE-T RJ45 connectivity accelerates virtualization, intensive file access, large backup/restoration tasks, and media transfer
- Dual M.2 PCIe Gen 3 x2 NVMe SSD slots enable cache acceleration or SSD storage pools for improved performance
- PCIe expansion allows for 2.5/5/10/25GbE network cards, QM2 card, QXP storage expansion cards, or graphics cards
- 4K media playback and real-time transcoding; display multimedia content saved on the NAS via HDMI 2.0 (4K @60Hz) output
- Host multiple virtual machines and containers to run a wide range of applications and services
- A business-class backup center supporting backup/restore of cloud data and VMs (including Google™ Workspace, Microsoft 365®, VMware® and Hyper-V)

Intel Core i3-8100T (4x 3.1GHz), Intel UHD Graphics 630, 8GB DDR4, 5GB Flash, 6x 2.5"/3.5" SATA, 2x M.2, LAN, HDMI, USB, LCD



Storage		Performance	
Storage drive interface *	Serial ATA II, Serial ATA III	Device class *	Small & Medium Business
Supported storage drive interfaces	M.2, Serial ATA II, Serial ATA III	Backup function *	✓
Storage drive sizes supported	2.5,3.5,M.2	Backup features	Cloud, USB drive, iSCSI LUN
Number of M.2 (M & B) slots	2	Buzzer	✓
RAID support *	✓	Multilingual support	✓
RAID levels	0, 1, 5, 6, 10, 50, JBOD	Number of users	4096 user(s)
Online RAID migration	✓	Noise level	23.8 dB
Online RAID expansion	✓	Third-party support	✓
RAID rebuild	✓	Snapshot	✓
Hot-swap drive bays	✓	Web-based management	✓
Supported file systems	FAT32, HFS+, NTFS, exFAT, ext3, ext4	Share folder access right management	✓
Storage drives installed *	✓	Security algorithms	256-bit AES, FIPS 140-2, HTTPS, SNMPv2, SNMPv3, SSH, SSL/TLS, TLS
Total installed storage capacity *	48 TB	Access Control List (ACL)	✓
Number of storage drives installed *	6	Reset button	✓
Number of storage drives supported *	6	On/off switch	✓
Installed storage drive type *	HDD	Built-in BitTorrent client	✓
Supported storage drive types *	HDD & SSD	Built-in UPnP AV media server	✓
Bad block scan	✓	Built-in FTP server	✓
Disk roaming	✓	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	Password authentication	✓
Processor family *	Intel® Core™ i3	Disk scan	✓
Processor model *	i3-8100T	S.M.A.R.T. support	✓
Processor frequency *	3.1 GHz	Remotely operated	✓
Processor cores	4	USB copy function	✓
Processor threads	4	Software	
Bus type	DMI3	Operating system installed *	QNAP Turbo System
Configurable TDP-down frequency	2.4 GHz	Operating system version	4.5.1
CPU configuration (max)	1		
Number of processors supported	1		
On-board graphics card model	Intel® UHD Graphics 630		

Memory		Software	
Internal memory *	8 GB	Windows operating systems supported	Windows 10, Windows 7, Windows 8
Internal memory type	DDR4	Linux operating systems supported	✓
Maximum RAM supported	64 GB	Mac operating systems supported	✓
Memory slots	2	Server operating systems supported	Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, Windows Server 2016, Windows Server 2019
Memory form factor	SO-DIMM		
Flash memory	5000 MB		
Network		Power	
Ethernet LAN *	✓	Power supply location	Built-in
Ethernet LAN data rates	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)	45.6 W
DHCP server	✓	Power consumption (HDD standby)	26.52 W
Jumbo frames support	✓	AC input voltage	100 - 240 V
iSCSI support	✓	Fan voltage	12 V
Wake-on-LAN ready	✓	Weight & dimensions	
Link aggregation	✓	Width *	264.3 mm
Load balancing system	✓	Depth *	279.6 mm
Dynamic DNS (DDNS)	✓	Height *	188.2 mm
WLAN adapter supported	✓	Packaging content	
Ports & interfaces		Cables included	AC, LAN (RJ-45)
USB port *	✓	Power cables quantity	1
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity	1	Processor special features	
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2	Embedded options available	✓
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	2	Enhanced Intel SpeedStep Technology	✓
HDMI ports quantity	1	Execute Disable Bit	✓
HDMI version	2.0	Idle States	✓
Ethernet LAN (RJ-45) ports *	3	Intel 64	✓
PCI Express x4 (Gen 3.x) slots	1	Intel Clear Video Technology	✓
Design		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	✗
Drive bay locking	✗	Intel TSX-NI version	0.00
LED indicators	✓	Intel Virtualization Technology (VT-x)	✓
Built-in display	✓	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Display type	LCD	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Cable lock slot	✓	Intel VT-x with Extended Page Tables (EPT)	✓
Cable lock slot type	Kensington	Operational conditions	
Performance		Operating temperature (T-T)	0 - 40 °C
Type *	NAS	Operating relative humidity (H-H)	5 - 95%
		Storage temperature (T-T)	-20 - 70 °C
		Storage relative humidity (H-H)	5 - 95%

## 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.