



QNAP TVS-872XT NAS Tower Ethernet LAN Black i5-8400T



Brand : QNAP

Product code: TVS-872XT-I5-16G/80TB-REDPLUS

Product name : TVS-872XT



- 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 the use of an entry-level graphics card to accelerate NAS video processing and GPU computing
 - 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
- TVS-872XT, Intel Core i5-8400T 1.7 GHz, 16 GB DDR4, 8x 2.5/3.5" SATA III, 2x M.2, 1x 10G RJ-45, 2x 1G RJ-45, 2x PCIe, USB 3.0, 2x USB 3.1 C, 2x USB 3.1 A, HDMI 2.0, 2x 3.5mm, 188.2x329.3x279.6 mm

Storage		Design	
Storage drive capacity *	10 TB	LED indicators	HDD, LAN, USB
Supported storage drive interfaces	Serial ATA II, Serial ATA III	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	Number of built-in speakers	1
RAID support *	✓	Performance	
RAID levels	0, 1, 5, 6, 10, 50, 60, JBOD	Type *	NAS
Online RAID migration	✓	Device class *	Small & Medium Business
Online RAID expansion	✓	Backup function *	✓
RAID rebuild	✓	Backup features	Cloud, iSCSI LUN
Hot-swap drive bays	✓	Buzzer	✓
Supported file systems	FAT32, HFS+, NTFS, ext3, ext4	Multilingual support	✓
Storage drives installed *	✓	Noise level	24.2 dB
Total installed storage capacity *	80 TB	Web-based management	✓
Number of storage drives installed *	8	Security algorithms	256-bit AES, FIPS 140-2, HTTPS, SNMPv3, SSH, SSL/TLS
Number of storage drives supported *	8	Access Control List (ACL)	✓
Installed storage drive type *	HDD	Reset button	✓
Supported storage drive types *	HDD & SSD	On/off switch	✓
Bad block scan	✓	Built-in iTunes server	✓
Processor		Built-in FTP server	✓
Processor manufacturer *	Intel	Browser supported	Mozilla Firefox, Microsoft Edge, Google Chrome, Apple Safari
Processor generation	8th gen Intel® Core™ i5	System log	✓
Processor family *	Intel® Core™ i5	Hot spare	✓
Processor model *	i5-8400T	S.M.A.R.T. support	✓
Processor frequency *	1.7 GHz	Share folder	CIFS/SMB
Processor boost frequency	3.3 GHz	Remotely operated	✓
Processor cores	6	Universal Plug and Play (UPnP)	✓
Processor threads	6	USB copy function	✓
Processor cache	9 MB	Software	
Bus type	DMI3	Operating system installed *	QNAP Turbo System
Configurable TDP-down frequency	1.2 GHz	Operating system version	4.4.0
CPU configuration (max)	1	Windows operating systems supported	Windows 10, Windows 7, Windows 8
Number of processors supported	1	Linux operating systems supported	✓
On-board graphics card model	Intel® UHD Graphics 630		
Conflict-Free processor	✓		
Memory			
Internal memory type	DDR4		

Memory		Software	
Maximum RAM supported	64 GB	Mac operating systems supported	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 10.7 Lion, Mac OS X 10.8 Mountain Lion, Mac OS X 10.9 Mavericks
Memory slots	2		
Internal memory *	16 GB		
Flash memory	5000 MB		
Network		Server operating systems supported	Windows Server 2003, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, Windows Server 2016
Ethernet LAN *	✓		
Ethernet LAN data rates	100,1000,2500,5000,10000 Mbit/s		
Ethernet LAN data rate supported (max)	10000 Mbit/s	Power	
DHCP client	✓	Power supply location	Built-in
DHCP server	✓	Power supply unit (PSU) capacity	250 W
Jumbo frames support	✓	Number of power supply units	1
iSCSI support	✓	Power consumption (typical)	65.03 W
Wake-on-LAN ready	✓	AC input voltage	100 - 240 V
Supported network protocols	TCP/IP, IPv4, IPv6	Fan voltage	12 V
Dynamic DNS (DDNS)	✓	Weight & dimensions	
WLAN adapter supported	✓	Width *	329.3 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	Packaging content	
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2	Cables included	AC, LAN (RJ-45)
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	2	Processor special features	
HDMI ports quantity	1	Embedded options available	✗
HDMI version	2.0	Enhanced Intel SpeedStep Technology	✓
Ethernet LAN (RJ-45) ports *	3	Execute Disable Bit	✓
Thunderbolt 3 ports quantity	2	Idle States	✓
3.5 mm (1/8-inch) out	✓	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	4 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)	✓
		Operational conditions	
		Operating temperature (T-T)	0 - 40 °C
		Operating relative humidity (H-H)	5 - 95%
		Storage temperature (T-T)	-20 - 70 °C

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