



QNAP TVS-672XT NAS Tower Ethernet LAN Black i3-8100T



Brand : QNAP

Product code: TVS-672XT-I3-8G/24TB-REDPLUS

Product name : TVS-672XT



- 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 (4x 3.1GHz), 8GB DDR4, 5GB Flash, 6x 2.5"/3.5" SATA, 2x M.2, 1x 10G RJ-45, 2x 1G RJ-45, 1x USB Type-A 3.2 Gen1, 2x USB Type-C 3.2 Gen2, 2x USB Type-A 3.2 Gen2, 1x HDMI 2.0

Storage		Design	
Storage drive interface *	Serial ATA II, Serial ATA III	Number of built-in speakers	1
Supported storage drive interfaces	M.2, Serial ATA II, Serial ATA III	Performance	
Storage drive sizes supported	2.5,3.5,M.2	Type *	NAS
Number of M.2 (M & B) slots	2	Device class *	Small & Medium Business
RAID support *	✓	Backup function *	✓
RAID levels	0, 1, 5, 6, 10, 50, JBOD	Backup features	Cloud, iSCSI LUN
Online RAID migration	✓	Buzzer	✓
Online RAID expansion	✓	Multilingual support	✓
RAID rebuild	✓	Noise level	23.8 dB
Hot-swap drive bays	✓	Snapshot	✓
Supported file systems	FAT32, HFS+, NTFS, exFAT, ext3, ext4	Management protocols	SNMP 2/3
Storage drives installed *	✓	Web-based management	✓
Number of storage drives installed *	6	Share folder access right management	✓
Number of storage drives supported *	6	Security algorithms	256-bit AES, FIPS 140-2, HTTPS, SSH
Installed storage drive type *	HDD	Access Control List (ACL)	✓
Supported storage drive types *	HDD & SSD	Reset button	✓
Auto-rebuild	✓	On/off switch	✓
Bad block scan	✓	Built-in iTunes server	✓
Disk roaming	✓	Built-in FTP server	✓
Processor		Browser supported	Mozilla Firefox, Microsoft Edge, Google Chrome, Apple Safari
Processor manufacturer *	Intel	System log	✓
Processor generation	8th gen Intel® Core™ i3	Hot spare	✓
Processor family *	Intel® Core™ i3	S.M.A.R.T. support	✓
Processor model *	i3-8100T	Share folder	CIFS/SMB
Processor frequency *	3.1 GHz	Remotely operated	✓
Processor cores	4	Universal Plug and Play (UPnP)	✓
Processor threads	4	Software	
Processor cache	6 MB	Operating system installed *	QNAP Turbo System
Bus type	DMI3	Operating system version	4.4.0
Configurable TDP-down frequency	2.4 GHz	Windows operating systems supported	✓
CPU configuration (max)	1	Linux operating systems supported	✓
Number of processors supported	1	Mac operating systems supported	✓
On-board graphics card model	Intel® UHD Graphics 630	Power	
Memory		Power supply location	Built-in
Internal memory type	DDR4	Power supply unit (PSU) capacity	250 W
Maximum RAM supported	32 GB	Number of power supply units	1
Memory slots	2		

Memory		Power	
Internal memory *	8 GB	Power consumption (typical)	45.6 W
Memory form factor	SO-DIMM	Power consumption (HDD standby)	26.52 W
Flash memory	5000 MB	AC input voltage	100 - 240 V
Network		Fan voltage	12 V
Ethernet LAN *	✓	Weight & dimensions	
Ethernet LAN data rates	100,1000,2500,5000,10000 Mbit/s	Width *	264.3 mm
Ethernet LAN data rate supported (max)	10000 Mbit/s	Depth *	279.6 mm
DHCP client	✓	Height *	188.2 mm
DHCP server	✓	Packaging content	
Jumbo frames support	✓	Cables included	AC, LAN (RJ-45)
iSCSI support	✓	Power cables quantity	1
Wake-on-LAN ready	✓	Processor special features	
Link aggregation	✓	Embedded options available	✓
Load balancing system	✓	Enhanced Intel SpeedStep Technology	✓
Dynamic DNS (DDNS)	✓	Execute Disable Bit	✓
WLAN adapter supported	✓	Idle States	✓
Ports & interfaces		Intel 64	✓
USB port *	✓	Intel Clear Video Technology	✓
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity	1	Intel Enhanced Halt State	✓
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2	Intel Identity Protection Technology version	1.00
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	2	Intel Secure Key Technology version	1.00
HDMI ports quantity	1	Intel Stable Image Platform Program (SIPP)	✗
HDMI version	2.0	Intel Stable Image Platform Program (SIPP) version	0.00
Ethernet LAN (RJ-45) ports *	3	Intel Trusted Execution Technology	✗
Thunderbolt 3 ports quantity	2	Intel TSX-NI	✗
PCI Express x4 (Gen 3.x) slots	1	Intel TSX-NI version	0.00
Design		Intel Virtualization Technology (VT-x)	✓
Chassis type *	Tower	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Cooling type *	Active	Intel VT-x with Extended Page Tables (EPT)	✓
Product colour	Black	Operational conditions	
Number of fans	4 fan(s)	Operating temperature (T-T)	0 - 40 °C
Fan diameter	9.2 cm	Operating relative humidity (H-H)	5 - 95%
Fan diameter 2	6 cm	Storage temperature (T-T)	-20 - 70 °C
LED indicators	HDD, LAN, Status, USB	Storage relative humidity (H-H)	5 - 95%
Built-in display	✓		
Display type	LCD		
Cable lock slot	✓		
Cable lock slot type	Kensington		
Built-in speaker(s)	✓		

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Publication date: 25-MAR-2024. Prints or copies of Information are only valid on the printed Publication date