

QNAP TVS-872XT-i5-16G 80TB (Seagate Ironwolf Pro) 8-Bay NAS; Intel core i5-8400T 6-core 1.7 GHz Processor Tower Ethernet LAN Black







Brand : QNAP **Product code:** TVS-872XT-I5-16G/80TB-IWPRO

Product name : TVS-872XT-i5-16G 80TB (Seagate Ironwolf Pro) 8-Bay NAS; Intel core i5-8400T 6-core 1.7 GHz Processor

- High-speed Thunderbolt™ 3 with SMB protocol, allowing Mac® and Windows® users to collaborate on media editing
- $\hbox{-} 5\hbox{-speed 10GBASE-T RJ45 connectivity accelerates virtualization applications and file sharing across teams and devices}\\$
- 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 $(0.60 \, \text{Hz})$ output
- Snapshots fully record system status and data, allowing you to protect files and data from accidental deletion and malware attacks

Intel Core i5-8400T 1.7 GHz, 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		Performance	
Supported storage drive interfaces Storage drive sizes supported Number of M.2 (M & B) slots RAID support * RAID levels Online RAID migration Online RAID expansion RAID rebuild Hot-swap drive bays Supported file systems	Serial ATA III 2.5,3.5" 2 4 0, 1, 5, 6, 10, 50, 60, JBOD 4 4 FAT32, HFS+, NTFS, ext3, ext4	Type * Device class * Backup function * Backup features Buzzer Multilingual support Web-based management Security algorithms Access Control List (ACL)	NAS Small & Medium Business Cloud, iSCSI LUN 256-bit AES, FIPS 140-2, HTTPS, SNMPv3, SSH, SSL/TLS
Storage drives installed * Number of storage drives supported * Installed storage drive type * Supported storage drive types * Bad block scan	₹ 8 HDD HDD & SSD ₹	Reset button On/off switch Built-in iTunes server Built-in FTP server Browser supported	✓ ✓ Apple Safari 7+, Google Chrome, Microsoft Internet Explorer 10+, Mozilla Firefox
Processor Processor frequency * Processor boost frequency Processor cache Bus type Configurable TDP-down frequency	1.7 GHz 3.3 GHz 9 MB DMI3 1.2 GHz	System log Hot spare S.M.A.R.T. support Share folder Universal Plug and Play (UPnP) USB copy function	✓ ✓ CIFS/SMB ✓
CPU configuration (max) 1 ECC supported by processor X PCI Express configurations 1x16, 1x8+2x4, 2x8 PCI Express slots version 3.0 Processor cache type Smart Cache Processor code SR3X6 Processor lithography 14 nm Processor operating modes 64-bit Processor package size 37.5 x 37.5 mm Scalability 1S	Software Operating system version Windows operating systems supported Linux operating systems supported Mac operating systems supported	4.4.0 Windows 10, Windows 7, Windows 8 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	
Stepping System bus rate Tjunction	U0 8 GT/s 100 °C	Server operating systems supported	Windows Server 2003, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, Windows Server 2016

Processor Power Power supply location Builtin Maximum internal memory supported by processor processor (mass) patrol by processor (mass) processor (mas				
Maximum internal memory is apported by professor years plant with supported by professor years plant with supported by professor years plant with supported by professor years years plant years	Processor		Power	
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Memory Memory Midth Mi	Conflict-Free processor	✓	Fan Voltage	12 V
Internal memory type	Memory		Weight & dimensions	
Maximum RAM supported 32 GB Depth ** 279.6 km Memony slots 2 Height ** 1802 mm 1.00 kg Flash memory 16 GB Peckaging content Network Cables included AC, LAN (R)-45 Ethernet LAN ** Cables included AC, LAN (R)-45 Ethernet LAN data rates 1,000,000,1000,0000 Mbir/s Embedded options available X Ethernet LAN data rate supported (max) 1,000,000,1000,0000 Mbir/s Embedded options available X Ethernet LAN data rate support 1,000,000,1000,000 Mbir/s Embedded options available X Ethernet LAN data rate support 4 Cable States 4 DICP client X Embedded options available X Enhanced Intel SpeedStep Cable States 4 DICP client X Cable States 4 DICP client X Cable States 4 UNIDAD CRAIN cast Cable States 4 4 UNIDAD CRAIN cast TCPIPL, PLA, IPV6 Intel Client Video Technology 1 UNIDAD	•	DDR4	Width *	329.3 mm
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Ethernet LAN data rate supported (max)	Ethernet LAN *	1	Quick installation guide	✓
Chanax Minimum Minim		•	Processor special features	
Enhanced Intel SpeedStep	Ethernet LAN data rate supported	10000 Mbit/c	Embedded options available	×
DHCP client		10000 MDIC/S	Enhanced Intel SpeedStep	1
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Jumbo frames support SCSI support SCSI support Very		√		√
iSCSI support Wake-on-LAN ready Vake-on-LAN read		1		1
Wake-on-LAN ready / Intel Enhanced Halt State / Capprete network protocols TCP/P, IPv4, IPv6 intel Identity Protection Technology 1.00 Dynamic DNS (DDNS) / Intel Secure Key Technology version 1.00 WLAN adapter supported / Intel Secure Key Technology version 1.00 BOS 5, Sep 1 (3.1 Gen 1) Type-A ports quantity / Intel Tsx-NI wersion 0.00 USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity 2 Intel Tsx-NI version 0.00 USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity 2 Intel Virtualization Technology (VT-your constitution) / Capper (VIII) HOMI ports quantity 1 Intel Virtualization Technology for Directed (JO (VT-d)) / Capper (VIII-d) HOMI ports quantity 1 Intel VIrx with Extended Page / Capper (VIII-d) Thunderbolt 3 ports quantity 2 Intel® (Capper Video HD Technology (Intel® (Capper Video HD Technology (Intel® (Capper Video HD Technology (Intel® (Capper Video Technology (Intel®	•	4		4
Supported network protocols TCP/IP, IPv4, IPv6 Intel Identity Protection Technology 1.00 Dynamic DNS (IDDNS) Y Intel Secure Key Technology version 1.00 WLNA adapter supported Intel Stable Image Platform Program X USB port * Intel Trusted Execution Technology X USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity 1 Intel TSX-NI version 0.00 USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity 2 Intel Virtualization Technology for Directed I/O (VT-d) V USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity 2 Intel Virtualization Technology for Directed I/O (VT-d) V USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity 1 Intel Virtualization Technology for Directed I/O (VT-d) V USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity 2 Intel Virtualization Technology for Directed I/O (VT-d) V USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity 1 Intel Virtualization Technology for Directed I/O (VT-d) V USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity 1 Intel Virtualization Technology V Ethernet LAN (R)-45) ports 4 3 Intel Virtualization Technology V	• •	1	3,	1
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Intel Stable Image Platform Program	• • • • • • • • • • • • • • • • • • • •	✓		1.00
USB port	WLAN adapter supported	✓		
USB port* Intel Trusted Execution Technology X USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity 1 Intel Virtualization Technology (VT- x) USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity 1 Intel Virtualization Technology for Directed (VO (VT-d)) HDMI ports quantity 1 Intel Virtualization Technology for Directed (VO (VT-d)) HDMI ports quantity 2 Intel® AES New Instructions (Intel® 4.5 Nin) Intel® Clear Video HD Technology (Intel® Clear Video HD Technology for Mobile Internet Devices (Intel CVT for MID) Graphics Graphics Graphics Graphics card base frequency Grequency On-board graphics card base frequency (max) On-board graphics card dynamic frequency (max) On-board graphics card ID Maximum on-board graphics card memory Maximum on-board graphics card memory Maximum on-board graphics card memory Design Tower Chassis type * Chassis type * Tower Chassis type * Tower Cooling type * Active Thermal Monitoring Technology Maximum number of PCI Express lanes Cooling type * Active Thermal Monitoring Technologies For Memory channels supported by processor For MiD Dual DDR4-SDRAM DDR4-SDRAM DDR4-SDRAM Cable lock slot Operating temperature (T-T)	Ports & interfaces			×
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Intel TSX-NI version 0.00	•			
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Number of displays supported (onboard graphics) Intel® Quick Sync Video Technology	5 .	64 GB	• •	
Intel® Secure Key Value	•			
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LED indicators HDD, LAN, USB Built-in display ✓ Operational conditions Cable lock slot ✓ Operating temperature (T-T) 0 - 40 °C			•	DDD4_SDDAM
Cable lock slot ✓ Operating temperature (T-T) 0 - 40 °C	LED indicators	HDD, LAN, USB	processor	אואטחכ-4טטע
Operating temperature (1-1) 0 - 40 C	Built-in display	✓	Operational conditions	
Cable lock slot type Kensington	Cable lock slot	✓	Operating temperature (T-T)	0 - 40 °C
	Cable lock slot type	Kensington		

Design		Operational conditions	
Built-in speaker(s) Number of built-in speakers	1	Operating relative humidity (H-H)	5 - 95%
		Other features	
		Digital Living Network Alliance (DLNA) certified	✓

