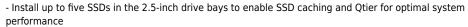
## QNAP

## QNAP TS-977XU NAS Rack (1U) AMD Ryzen™ 3 1200 8 GB DDR4 8 **TB HDD QNAP Turbo System Black**

**Brand**: QNAP Product code: TS-977XU-1200-4G-8TB-GLD

**Product name:** TS-977XU



- Two 10GbE SFP+ ports provide higher bandwidth to empower applications like virtualization, 4K video editing and file sharing
- PCIe expandability allows for installing QM2 expansion card, USB 3.1 Gen 2 (10Gbps) cards, or wireless network cards
- Snapshots add an extra layer of protection for disaster recovery plans. You can set a custom snapshot schedule and can use snapshots to recover data from a local or remote NAS
- Scalable storage supporting virtualization, containerized apps, centralized storage, backup, sharing, and disaster recovery
- Besides using QNAP storage expansion enclosures, you can also leverage QNAP VJBOD technology to use the unused storage space from other NAS

AMD Ryzen 3 1200 3.1 GHz, 4 GB DDR4, 4x 3.5", 5x 2.5", 2x 10G SFP+, 2x RJ-45, USB 3.1, 4x USB 3.0, PCIe 3.0 x16, 1U, PSU 250 W, 43.3x482.6x484.15 mm



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Storage		Ports & interfaces	
Supported storage drive interfaces	Serial ATA III	Ethernet LAN (RJ-45) ports *	2
Storage drive sizes supported	2.5,3.5"	Design	
RAID support * RAID levels Online RAID migration Online RAID expansion RAID rebuild	0, 1, 5, 6, 10, 50, JBOD	Chassis type * Cooling type * Product colour Number of fans Fan diameter	Rack (1U) Active Black 3 fan(s) 4 cm
Hot-swap drive bays Supported file systems	FAT32, HFS+, NTFS, ext3, ext4	Performance	
Storage drives installed * Total installed storage capacity * Number of storage drives supported *	<b>√</b> 8 TB 9	Type * Device class * Backup function * Backup features	NAS Small & Medium Business ✓ Cloud, iSCSI LUN
Installed storage drive type * Supported storage drive types * Bad block scan	HDD & SSD ✓	Multilingual support Noise level Snapshot	✓ 39.2 dB ✓
Processor		Web-based management	✓
Processor family * Processor model * Processor frequency * Processor boost frequency Processor cores Processor threads Processor operating modes	AMD Ryzen™ 3 1200 3.1 GHz 3.4 GHz 4 4 64-bit	Security algorithms  Access Control List (ACL) On/off switch Built-in iTunes server Built-in FTP server Browser supported	256-bit AES, FIPS 140-2, HTTPS, SNMP, SNMPv3, SSH, SSL/TLS
Memory Internal memory * Internal memory type	8 GB DDR4	System log Hot spare S.M.A.R.T. support Share folder	✓ ✓ ✓ CIFS/SMB
Maximum RAM supported Memory slots	64 GB 4	Software	G.I. 6761.15
Network		Operating system installed *	QNAP Turbo System
Ethernet LAN * Ethernet LAN data rates Ethernet LAN data rate supported (max)	10,100,1000,10000 Mbit/s 10000 Mbit/s	Operating system version Windows operating systems supported	4.3.4 Windows 10, Windows 7, Windows 8
Wi-Fi DHCP client	×		

Network		Software		
DHCP server Jumbo frames support iSCSI support Wake-on-LAN ready Dynamic DNS (DDNS) WLAN adapter supported	* * * * * * * * * * * * * * * * * * *	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 Windows Server 2003, Windows Server 2008 R2, Windows Server	
Ports & interfaces		Server operating systems supported	2012, Windows Server 2012 R2, Windows Server 2016	
USB port * USB 3.2 Gen 1 (3.1 Gen 1) Type-A	<b>√</b>	Power	WITHOURS SELVEL 2010	
ports quantity  USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity  Fiber ports quantity  2	1 2 SFP+	Power supply location Power supply unit (PSU) capacity Number of power supply units AC input voltage AC input frequency Fan voltage  Weight & dimensions  Width * Depth * Height *	Built-in 250 W 1 100 - 240 V 50 - 60 Hz 12 V 482.6 mm 484.1 mm 43.3 mm	
		Packaging content Cables included Quick installation guide Number of screws  Operational conditions Operating temperature (T-T) Operating relative humidity (H-H)	AC, LAN (RJ-45)  ✓ 52  0 - 40 °C 5 - 95%	

