



# QNAP TS-877XU-RP NAS Rack (2U) AMD Ryzen™ 3 1200 4 GB DDR4 96 TB HDD QNAP Turbo System Black



**Brand :** QNAP

**Product code:** TS-877XU-RP-1200-4G-96TB-GLD

**Product name :** TS-877XU-RP

- Two 10GbE SFP+ ports provide higher bandwidth to empower applications like virtualization, 4K video editing and file sharing
  - PCIe expandability allows for installing 10GbE/40GbE adapters, PCIe NVMe SSD, graphics cards, USB 3.1 Gen 2 (10Gbps) cards, or wireless network cards
  - Supports AMD Radeon™ and NVIDIA® graphics cards for video processing or GPU-passthrough to VMs
  - Qtier™ technology and SSD caching enable 24/7 optimized storage efficiency
  - Scalable storage supporting virtualization, containerized apps, centralized storage, backup, sharing, and disaster recovery
  - RAID 50/60 is recommended for NAS with over 6 disks to strike a balance between capacity, protection, and performance
- 2U, AMD Ryzen 3 1200 3.1 GHz, DDR4, 8x 3.5", SATA 6 Gbps, 2x 10GbE SFP+, 2x RJ45, USB 3.1, USB 3.0, 4x PCIe, 100-240V AC, 50/60Hz, 2x 300W, QTS 4.3.4



Storage		Design	
Supported storage drive interfaces	Serial ATA III	LED indicators	✓
Storage drive sizes supported	2.5,3.5"	Built-in display	✗
RAID support *	✓	Performance	
RAID levels	0, 1, 5, 6, 10, 50, 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	✓	Multilingual support	✓
Supported file systems	FAT32, HFS+, NTFS, exFAT, ext3, ext4	Noise level	37.7 dB
Storage drives installed *	✓	Third-party support	✓
Total installed storage capacity *	96 TB	Built-in optical drive	✗
Number of storage drives supported *	8	Card reader integrated	✗
Installed storage drive type *	HDD	Snapshot	✓
Supported storage drive types *	HDD & SSD	Management protocols	SNMP
Bad block scan	✓	Web-based management	✓
Disk roaming	✓	Share folder access right management	✓
Processor		Security algorithms	256-bit AES, FIPS 140-2
Processor family *	AMD Ryzen™ 3	Access Control List (ACL)	✓
Processor model *	1200	Built-in BitTorrent client	✓
Processor frequency *	3.1 GHz	Built-in iTunes server	✓
Processor boost frequency	3.4 GHz	Built-in FTP server	✓
Processor cores	4	Browser supported	Microsoft Internet Explorer 10, Mozilla Firefox, Google Chrome, Apple Safari 7+
Processor threads	4	System log	✓
CPU configuration (max)	1	Hot spare	✓
Processor operating modes	64-bit	Password authentication	✓
Memory		Disk scan	✓
Internal memory *	4 GB	S.M.A.R.T. support	✓
Internal memory type	DDR4	Share folder	CIFS/SMB
Maximum RAM supported	64 GB	Universal Plug and Play (UPnP)	✓
Memory slots	4	Software	
Memory form factor	DIMM	Operating system installed *	QNAP Turbo System
Network		Operating system version	4.3.4
Ethernet LAN *	✓	Windows operating systems supported	Windows 10, Windows 7, Windows 8
Ethernet LAN data rates	10,100,1000,10000 Mbit/s		

Network		Software	
Ethernet LAN data rate supported (max)	10000 Mbit/s	Linux 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 10.7 Lion, Mac OS X 10.8 Mountain Lion, Mac OS X 10.9 Mavericks
Wi-Fi	✗	Mac operating systems supported	Windows Server 2003, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, Windows Server 2016
DHCP client	✓	Server operating systems supported	
DHCP server	✓		
Jumbo frames support	✓		
iSCSI support	✓		
Wake-on-LAN ready	✓		
Supported network protocols	TCP/IP, IPv4, IPv6, NAT, STP, SSH, Telnet, HTTP(S), FTP, CIFS/SMB, AFP		
Dynamic DNS (DDNS)	✓		
Ports & interfaces		Power	
USB port *	✓	Power supply location	Built-in
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity	4	Power supply unit (PSU) capacity	300 W
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	1	Number of power supply units	2
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1	Redundant power supply (RPS) support	✓
Fiber ports quantity	2	Power consumption (typical)	86.04 W
Fiber optic connector	SFP+	AC input voltage	100-240 V
Ethernet LAN (RJ-45) ports *	2	AC input frequency	50 - 60 Hz
PCI Express x4 (Gen 3.x) slots	2	Fan voltage	12 V
PCI Express x8 (Gen 3.x) slots	2	Weight & dimensions	
Design		Width *	482 mm
Chassis type *	Rack (2U)	Depth *	562 mm
Cooling type *	Active	Height *	88.3 mm
Product colour	Black	Packaging content	
Number of fans	2 fan(s)	Cables included	AC, LAN (RJ-45)
Fan diameter	7 cm	Quick installation guide	✓
Fan diameter 2	7 cm	Number of screws	56
		Sustainability	
		Sustainability certificates	RoHS
		Operational conditions	
		Operating temperature (T-T)	0 - 40 °C
		Operating relative humidity (H-H)	5 - 95%
		Other features	
		Digital Living Network Alliance (DLNA) certified	✓
		Compliance certificates	RoHS

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