QNAP TS-1677XU-RP NAS Rack (3U) AMD Ryzen™ 5 2600 8 GB DDR4 32 TB HDD QNAP Turbo System Black

Brand : QNAP

Product code: TS-1677XU-RP-2600-8G-32TB-GLD

Product name : TS-1677XU-RP

3U, AMD Ryzen 5 2600 3.4 GHz, 8 GB DDR4, 16x 3.5", SATA 6 Gbps, 2x 10GbE SFP+, 2x RJ45, USB 3.1, USB 3.0, 4x PCIe, 100-240V AC, 50/60Hz, 2x 500W, QTS 4.3.4
QNAP TS-1677XU-RP. Type: NAS. Chassis type: Rack (3U). Device class: Small & Medium Business. Processor family: AMD Ryzen™ 5, Processor model: 2600, Processor frequency: 3.4 GHz. Internal memory: 8 GB, Internal memory type: DDR4. Total installed storage capacity: 32 TB, Installed storage drive type: HDD. Operating system installed: QNAP Turbo System

Storage	
Supported storage drive interfaces	Serial ATA III
Storage drive sizes supported	2.5,3.5"
RAID support *	✓
RAID levels	0, 1, 5, 6, 10, 50, JBOD
Online RAID migration	✓
Online RAID expansion	✓
RAID rebuild	✓
Hot-swap drive bays	✓
Supported file systems	FAT32, HFS+, NTFS, exFAT, ext3, ext4
Storage drives installed *	✓
Total installed storage capacity *	32 TB
Number of storage drives supported *	16
Installed storage drive type *	HDD
Supported storage drive types *	HDD & SSD
Bad block scan	✓
Disk roaming	✓

Processor	
Processor family *	AMD Ryzen™ 5
Processor model *	2600
Processor frequency *	3.4 GHz
Processor boost frequency	3.9 GHz
Processor cores	4
Processor threads	4
CPU configuration (max)	1
Processor operating modes	64-bit

Memory	
Internal memory *	8 GB
Internal memory type	DDR4
Maximum RAM supported	64 GB
Memory slots	4
Memory form factor	DIMM

Network	
Ethernet LAN *	✓
Ethernet LAN data rates	10,100,1000,10000 Mbit/s

Design	
Fan diameter 2	9.2 cm
LED indicators	✓
Built-in display	✗

Performance	
Type *	NAS
Device class *	Small & Medium Business
Backup function *	✓
Backup features	Cloud, iSCSI LUN
Multilingual support	✓
Third-party support	✓
Built-in optical drive	✗
Card reader integrated	✗
Snapshot	✓
Management protocols	SNMP
Web-based management	✓
Share folder access right management	✓
Security algorithms	256-bit AES, FIPS 140-2
Access Control List (ACL)	✓
Built-in BitTorrent client	✓
Built-in iTunes server	✓
Built-in FTP server	✓
Browser supported	Microsoft Internet Exploer 10, Mozilla Firefox, Google Chrome, Apple Safari 7+
System log	✓
Hot spare	✓
Password authentication	✓
Disk scan	✓
S.M.A.R.T. support	✓
Share folder	CIFS/SMB
Universal Plug and Play (UPnP)	✓

Software	
Operating system installed *	QNAP Turbo System
Operating system version	4.3.4
Windows operating systems supported	Windows 10, Windows 7, Windows 8

Network	
Ethernet LAN data rate supported (max)	10000 Mbit/s
Wi-Fi	✗
DHCP client	✓
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	
USB port *	✓
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity	4
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	1
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Fiber ports quantity	2
Fiber optic connector	SFP+
Ethernet LAN (RJ-45) ports *	2
PCI Express x4 (Gen 3.x) slots	2
PCI Express x8 (Gen 3.x) slots	2

Design	
Chassis type *	Rack (3U)
Cooling type *	Active
Product colour	Black
Number of fans	2 fan(s)
Fan diameter	9.2 cm

Software	
Linux operating systems 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 10.7 Lion, Mac OS X 10.8 Mountain Lion, Mac OS X 10.9 Mavericks
Server operating systems supported	Windows Server 2003, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, Windows Server 2016

Power	
Power supply location	Built-in
Power supply unit (PSU) capacity	500 W
Number of power supply units	2
Redundant power supply (RPS) support	✓
AC input voltage	100 - 240 V
AC input frequency	50 - 60 Hz
Fan voltage	12 V

Weight & dimensions	
Width *	481 mm
Depth *	573.5 mm
Height *	130 mm

Packaging content	
Cables included	AC, LAN (RJ-45)
Quick installation guide	✓
Number of screws	128

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