



# QNAP TS-1277XU-RP NAS Rack (2U) AMD Ryzen™ 3 1200 4 GB DDR4 12 TB HDD QNAP Turbo System Black



**Brand :** QNAP

**Product code:** TS-1277XU-RP-1200-4G-12TB-GLD

**Product name :** TS-1277XU-RP

2U, AMD Ryzen 3 1200 3.1 GHz, 4 GB DDR4, 12x 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

QNAP TS-1277XU-RP. Type: NAS. Chassis type: Rack (2U). Device class: Home & Home Office. Processor family: AMD Ryzen™ 3, Processor model: 1200, Processor frequency: 3.1 GHz. Internal memory: 4 GB, Internal memory type: DDR4. Total installed storage capacity: 12 TB, Installed storage drive type: HDD. Operating system installed: QNAP Turbo System



Storage		Ports & interfaces	
Supported storage drive interfaces	Serial ATA III	PCI Express x8 (Gen 3.x) slots	2
Storage drive sizes supported	2.5,3.5"	<b>Design</b>	
RAID support *	✓	Chassis type *	Rack (2U)
RAID levels	0, 1, 5, 6, 10, JBOD	Cooling type *	Active
Online RAID migration	✓	Product colour	Black
Online RAID expansion	✓	Number of fans	2 fan(s)
Hot-swap drive bays	✓	Fan diameter	7 cm
Supported file systems	FAT32, HFS+, NTFS, ext3, ext4	LED indicators	✓
Storage drives installed *	✓	<b>Performance</b>	
Total installed storage capacity *	12 TB	Type *	NAS
Number of storage drives supported *	12	Device class *	Home & Home Office
Installed storage drive type *	HDD	Backup function *	✓
Supported storage drive types *	HDD & SSD	Backup features	Cloud, iSCSI LUN
Bad block scan	✓	Multilingual support	✓
<b>Processor</b>		Web-based management	✓
Processor family *	AMD Ryzen™ 3	Share folder access right management	✓
Processor model *	1200	Security algorithms	256-bit AES, FIPS 140-2, HTTPS, SNMP, SSH, SSL/TLS
Processor frequency *	3.1 GHz	Access Control List (ACL)	✓
Processor boost frequency	3.4 GHz	Reset button	✓
Processor cores	4	On/off switch	✓
Processor threads	4	Built-in iTunes server	✓
Processor operating modes	64-bit	Built-in FTP server	✓
<b>Memory</b>		Browser supported	Apple Safari 7+, Google Chrome, Microsoft Internet Explorer 10+, Mozilla Firefox
Internal memory *	4 GB	System log	✓
Internal memory type	DDR4	S.M.A.R.T. support	✓
Maximum RAM supported	64 GB	Share folder	CIFS/SMB
Memory slots	4	<b>Software</b>	
<b>Network</b>		Operating system installed *	QNAP Turbo System
Ethernet LAN *	✓	Operating system version	4.3
Ethernet LAN data rates	10,100,1000,10000 Mbit/s	Windows operating systems supported	Windows 10, Windows 7, Windows 8, Windows 8.1
Ethernet LAN data rate supported (max)	10000 Mbit/s	Linux operating systems supported	✓
Wi-Fi	✗		
DHCP client	✓		
DHCP server	✓		

Network		Software	
Jumbo frames support	✓	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
iSCSI support	✓		
Wake-on-LAN ready	✓		
Supported network protocols	TCP/IP, IPv4, IPv6	Server operating systems supported	Windows Server 2003, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, Windows Server 2016
Dynamic DNS (DDNS)	✓		
WLAN adapter supported	✓		
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	AC input voltage	100-240 V
Fiber ports quantity	2	AC input frequency	50 - 60 Hz
Fiber optic connector	SFP+	Fan voltage	12 V
Ethernet LAN (RJ-45) ports *	2	Weight & dimensions	
PCI Express x4 (Gen 3.x) slots	2	Width *	482 mm
		Depth *	562 mm
		Height *	88.3 mm
		Packaging content	
		Cables included	AC, LAN (RJ-45)
		Quick installation guide	✓
		Operational conditions	
		Operating temperature (T-T)	0 - 40 °C
		Operating relative humidity (H-H)	5 - 95%
		Other features	
		Digital Living Network Alliance (DLNA) certified	✓

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