QNAP TS-1277XU-RP NAS Rack (2U) AMD Ryzen™ 3 1200 4 GB DDR4 144 TB HDD QNAP Turbo System Black

Brand : QNAP

Product code: TS-1277XU-RP-1200-4G-144TB-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: 144 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, JBOD
Online RAID migration	✓
Online RAID expansion	✓
Hot-swap drive bays	✓
Supported file systems	FAT32, HFS+, NTFS, ext3, ext4
Storage drives installed *	✓
Total installed storage capacity *	144 TB
Number of storage drives supported *	12
Installed storage drive type *	HDD
Supported storage drive types *	HDD & SSD
Bad block scan	✓

Processor	
Processor family *	AMD Ryzen™ 3
Processor model *	1200
Processor frequency *	3.1 GHz
Processor boost frequency	3.4 GHz
Processor cores	4
Processor threads	4
Processor operating modes	64-bit

Memory	
Internal memory *	4 GB
Internal memory type	DDR4
Maximum RAM supported	64 GB
Memory slots	4

Network	
Ethernet LAN *	✓
Ethernet LAN data rates	10,100,1000,10000 Mbit/s
Ethernet LAN data rate supported (max)	10000 Mbit/s
Wi-Fi	✗
DHCP client	✓
DHCP server	✓

Ports & interfaces	
PCI Express x8 (Gen 3.x) slots	2

Design	
Chassis type *	Rack (2U)
Cooling type *	Active
Product colour	Black
Number of fans	2 fan(s)
Fan diameter	7 cm
LED indicators	✓

Performance	
Type *	NAS
Device class *	Home & Home Office
Backup function *	✓
Backup features	Cloud, iSCSI LUN
Multilingual support	✓
Web-based management	✓
Share folder access right management	✓
Security algorithms	256-bit AES, FIPS 140-2, HTTPS, SNMP, SSH, SSL/TLS
Access Control List (ACL)	✓
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
System log	✓
S.M.A.R.T. support	✓
Share folder	CIFS/SMB

Software	
Operating system installed *	QNAP Turbo System
Operating system version	4.3
Windows operating systems supported	Windows 10, Windows 7, Windows 8, Windows 8.1
Linux operating systems supported	✓

Network	
Jumbo frames support	✓
iSCSI support	✓
Wake-on-LAN ready	✓
Supported network protocols	TCP/IP, IPv4, IPv6
Dynamic DNS (DDNS)	✓
WLAN adapter supported	✓

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

Software	
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
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	300 W
Number of power supply units	2
AC input voltage	100-240 V
AC input frequency	50 - 60 Hz
Fan voltage	12 V

Weight & dimensions	
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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