



QNAP TS-1677XU-RP NAS Rack (3U) AMD Ryzen™ 7 2700 16 GB DDR4 160 TB HDD QNAP Turbo System Black



Brand : QNAP

Product code: TS-1677XU-RP-2700-16G-160TB-GLD

Product name : TS-1677XU-RP

TS-1677XU-RP, AMD Ryzen 7 2700, 16 GB DDR4, 16x 3.5" SATA III, 10G SFP+, RJ-45, USB 3.1, 3U, 130x481x573.5 mm

QNAP TS-1677XU-RP. Type: NAS. Chassis type: Rack (3U). Device class: Small & Medium Business. Processor family: AMD Ryzen™ 7, Processor model: 2700, Processor frequency: 3.2 GHz. Internal memory: 16 GB, Internal memory type: DDR4. Total installed storage capacity: 160 TB, Installed storage drive type: HDD. Operating system installed: QNAP Turbo System

Storage		Design	
Supported storage drive interfaces	Serial ATA, Serial ATA II, Serial ATA III	Chassis type *	Rack (3U)
Storage drive sizes supported	2.5,3.5"	Cooling type *	Active
RAID support *	✓	Product colour	Black
RAID levels	0, 1, 5, 6, 10, JBOD	Number of fans	4 fan(s)
Online RAID migration	✓	Fan diameter	9.2 cm
Online RAID expansion	✓	LED indicators	✓
RAID rebuild	✓	Performance	
Hot-swap drive bays	✓	Type *	NAS
Supported file systems	FAT32, HFS+, NTFS, ext3, ext4	Device class *	Small & Medium Business
Storage drives installed *	✓	Backup function *	✓
Total installed storage capacity *	160 TB	Backup features	Cloud, iSCSI LUN
Number of storage drives supported *	16	Multilingual support	✓
Installed storage drive type *	HDD	Web-based management	✓
Supported storage drive types *	HDD & SSD	Security algorithms	256-bit AES, FIPS 140-2, HTTPS, SNMP, SNMPv3, SSL/TLS
Processor		Access Control List (ACL)	✓
Processor family *	AMD Ryzen™ 7	On/off switch	✓
Processor model *	2700	Built-in iTunes server	✓
Processor frequency *	3.2 GHz	Built-in FTP server	✓
Processor boost frequency	4.1 GHz	Browser supported	Chrome, Firefox, Internet Explorer 10+, Safari 7+
Processor cores	8	System log	✓
Processor threads	16	Hot spare	✓
Processor operating modes	64-bit	S.M.A.R.T. support	✓
Memory		Share folder	CIFS/SMB
Internal memory *	16 GB	Universal Plug and Play (UPnP)	✓
Internal memory type	DDR4	Software	
Maximum RAM supported	64 GB	Operating system installed *	QNAP Turbo System
Memory slots	4	Operating system version	4.3.4
Network		Windows operating systems supported	Windows 10, Windows 7, Windows 8
Ethernet LAN *	✓	Linux operating systems supported	✓
Ethernet LAN data rates	10,100,1000,10000 Mbit/s	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
Ethernet LAN data rate supported (max)	10000 Mbit/s		
Wi-Fi	✗		
DHCP client	✓		

Network		Software	
DHCP server	✓	Server operating systems supported	Windows Server 2003, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2, Windows Server 2016
Jumbo frames support	✓		
iSCSI support	✓		
Wake-on-LAN ready	✓		
Supported network protocols	SSH, Telnet, HTTP(S), FTP, CIFS/SMB, AFP		
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	500 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 *	481 mm
PCI Express x8 (Gen 3.x) slots	2	Depth *	573.5 mm
		Height *	130 mm
		Packaging content	
		Cables included	AC, LAN (RJ-45)
		Quick installation guide	✓
		Number of screws	128
		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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