

TS-1677XU-RP-2700-16G	
CPU	AMD Ryzen™ 7 2700 8-core 3.2 GHz processor, Turbo Core 4.1 GHz
CPU Architecture	64-bit x86
Floating Point Unit	Yes
Encryption Engine	Yes (AES-NI)
System Memory	16 GB UDIMM DDR4 (2 x 8GB)
Maximum Memory	64 GB (4 x 16 GB)
Memory Slot	4 x DDR4 long DIMM
Flash Memory	5GB (Dual boot OS protection)
Drive Bay	16 x 3.5-inch
Drive Compatibility	3.5-inch SATA hard disk drives 2.5-inch SATA hard disk drives 2.5-inch SATA solid state drives
Hot-swappable	Yes
SSD Cache Acceleration Support	Yes
Gigabit Ethernet Port (RJ45)	2
10 Gigabit Ethernet Port	2 x 10GbE SFP+ SmartNIC port
Jumbo Frame	Yes
PCIe Slot	4 Slot 1: Gen3 x4 Slot 2: Gen3 x8 or Gen3 x4* Slot 3: Gen3 x4 Slot 4: Gen3 x8 or Gen3 x4**
USB 3.0 port	4
USB 3.1 Gen 2 (10Gbps) Port	1 x Type-C USB 3.1 Gen2 5V/3A 10Gbps 1 x Type-A USB 3.1 Gen2 5V/1A 10Gbps
Form Factor	3U Rackmount
LED Indicators	HDD 1-16, Status, LAN, storage expansion port status
Buttons	Power, Reset
Dimensions (HxWxD)	130, 481, 573.5
Weight (Net)	17.16
Weight (Gross)	21.9
Operating temperature	0 - 40 °C (32°F - 104°F)

Relative Humidity	5-95% RH non-condensing, wet bulb: 27°C (80.6°F)
Power Supply Unit	500W(x2), 100-240V
Power Consumption: Operating Mode, Typical	136.45
Fan	System: 4 x 9.2cm fan (12V DC)
Sound Level	46.6
System Warning	Buzzer
Kensington Security Slot	Yes

Note: Use only QNAP memory modules to maintain system performance and stability. For NAS devices with more than one memory slot, use QNAP modules with identical specifications. Warning: Using unsupported modules may degrade performance, cause errors, or prevent the operating system from starting.

* Sound Level Test Environment: Refer to ISO 7779; Maximum HDD loaded; Bystander Position; Average data from 1 meter in front of operating NAS.

Designs and specifications are subject to change without notice.