

QNAP TS-977XU-RP (HDD + SSD hybrid-structure AMD Ryzen™ 1U rackmount NAS with up to 6 cores/12 threads)	
CPU	AMD Ryzen™ 5 2600 6-core/12-thread 3.4 GHz processor, Turbo Core 3.9 GHz
	Architecture: 64-bit
	Graphics: Optional (with PCIe expansion card)
	Encryption Engine: AES-NI
System Memory	8 GB DDR4 (2 x 4 GB)
Maximum Memory	64 GB (4 x 16 GB)
Memory Slot	4 x Long-DIMM slots
	(For dual- or quad-DIMM configurations, you must use a pair of identical DDR4 modules.)
Drive Bay	4 x 3.5-inch SATA 6 Gbps bays HDD
	5 x 2.5-inch SATA 6 Gbps bays SSD
Drive Compatibility	3.5-inch bays:
	• 3.5-inch SATA hard disk drives • 2.5-inch SATA hard disk drives • 2.5-inch SATA solid state drives
	2.5-inch drive bay
	• 2.5-inch SATA solid state drives
10 Gigabit Ethernet Port	2 x 10GbE SFP+ SmartNIC ports
Gigabit Ethernet Port	2 x RJ45
USB Port	1 x 3.1 Gen 2 (10 Gbps) Type-A
	4 x USB 3.0 Type-A
PCIe Slot	Slot 1: Gen3 x16
HDMI Output	Optional: With PCIe expansion card
Form Factor	1U Rackmount
Dimensions (H x W x D)	43.3 x 482.6 x 505.54 mm
	1.7 x 18.99 x 19.90 inch
Weight	Net weight: 8.62 kg (19 lbs)
Power Supply Unit	300W (x2), 100-240V AC, 50/60Hz
Power Consumption (W)	76.43 W
Fan	3 x 4.0cm fan (12V DC)
Sound Level	43.8 dB(A)
Operating Temperature & Relative Humidity	0 ~ 40°C (32°F ~ 104°F), 5 ~ 95% RH non-condensing, wet bulb: 27°C (80.6°F)
Nominal Output power 200 W p.s. (minimam)	
Output impedance 50 Ω	
Load mismatch 2:1 Max.	
With pre-correction inserted	
Spurious emission Better than -58 dBc with output filter	
Output connector N female	