



TS-h977XU-RP-3700X-32G	
CPU	AMD Ryzen™ 7 3700X 8-core/16-thread processor, burst up to 4.4 GHz
CPU Architecture	64-bit x86
Encryption Engine	Yes (AES-NI)
System Memory	32 GB UDIMM DDR4 (2 x 16GB)
Maximum Memory	128 GB (4 x 32 GB)
Memory Slot	4 x UDIMM DDR4
Flash Memory	5 GB (Dual boot OS protection)
Drive Bay	4 x 3.5-inch + 5 x 2.5-inch SATA 6Gb/s, 3Gb/s
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, 2 x 10GBase-T port
Wake on LAN (WOL)	Yes
Jumbo Frame	Yes
PCIe Slot	1 Slot 1: PCIe Gen 3 x16
USB 3.2 Gen 1 port	4
USB 3.2 Gen 2 (10Gbps) Port	1 x Type-A USB 3.2 Gen 2 10Gbps
Form Factor	1U Rackmount
LED Indicators	HDD 1-9, Status, LAN, storage expansion port status

Buttons	Power, Reset
Dimensions (HxWxD)	43.3 × 482.6 × 505.54 mm
Weight (Net)	8.62 kg
Operating temperature	0 - 40 °C (32°F - 104°F)
Storage Temperature	-20 - 70°C (-4°F - 158°F)
Relative Humidity	5-95% RH non-condensing, wet bulb: 27°C (80.6°F)
Power Supply Unit	300W(x2), 100-240V
Power Consumption: Operating Mode, Typical	76.43 W
Fan	System fan: 3 x 40mm, 12VDC
System Warning	Buzzer
Max. Number of Concurrent Connections (CIFS) - with Max. Memory	5000

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.

Product images are for illustrative purposes only and may differ from the actual product. Due to differences in monitors, colors of products may also appear different to those shown on the site.

Designs and specifications are subject to change without notice.