

## TS-1677X-1200-4G

CPU	AMD Ryzen™ 3 1200 4-core/4-thread 3.1 GHz processor, Turbo Core 3.4 GHz Architecture: 64-bit Graphics: Optional (with PCIe expansion card) Encryption Engine: AES-NI
System Memory	4 GB DDR4 (1 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	12 x 3.5-inch SATA 6 Gbps bays 4 x 2.5-inch SATA 6 Gbps bays, max 9.5mm drive height
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 bays: 2.5-inch solid state drives
10 Gigabit Ethernet Port	2 x 10GBASE-T RJ45, supporting 10G/5G/2.5G/1G/100M Note: Please use CAT6a or CAT 7 LAN cables (sold separately) to achieve 10GbE speed
Gigabit Ethernet Port	4 x RJ45
USB Port	8 x USB 3.0 Front: 1 x USB 3.0 Type-A (Note: It comes with the One-Touch Copy button) Back: 6 x USB 3.0 Type-A; 1 x USB 3.0 Type-C
PCIe Slot	Slot 1: Gen3 x8 Slot 2: Gen3 x4 Slot 3: Gen2 x4
HDMI Output	Optional: With PCIe expansion card
USB One Touch Copy	Front: USB 3.0 Type-A
Audio	2 x 3.5 mm dynamic microphone jacks 1 x 3.5 mm line-out jack 1 x speaker Alarm buzzer  Note: You cannot use the speakers and the line-out jack simultaneously.
IR sensor	Yes Note: Requires an optional graphics card and <a href="#">RM-IR004</a> remote control
Form Factor	Tower

Dimensions (H x W x D)	303.84 x 369.89 x 319.8 mm 11.96 x 14.56 x 12.59 inch
Weight	13.39 kg (29.52 lbs)
Power Supply Unit	550W, 100-240V AC, 50/60Hz
Fan	System: 3 x 9.2cm fan (12V DC) CPU: 2 x 9cm fan
Operating Temperature & Relative Humidity	0 ~ 40°C ( 32°F ~ 104°F ), 5 ~ 95% RH non-condensing, wet bulb: 27°C (80.6°F)
Security Slot	Kensington security slot

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.