QNAP®

HARDWARE SPECS

SOFTWARE SPECS

PACKAGE CONTENTS

▶ **TS-977XU-1200-4G**

CPU	AMD Ryzen™ 3 1200 4-core/4-thread 3.1 GHz processor, Turbo Core 3.4 GHz
CPU Architecture	64-bit x86
Encryption Engine	✔ (AES-NI)

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System Memory	4 GB UDIMM DDR4 (1 x 4GB)
Maximum Memory	64 GB (4 x 16 GB)
Memory Slot	4 x Long-DIMM 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	✔
SSD Cache Acceleration Support	✔
Gigabit Ethernet Port (RJ45)	2
10 Gigabit Ethernet Port	2 x 10GbE SFP+ SmartNIC port
Jumbo Frame	✔
PCIe Slot	1 Slot 1: PCIe Gen 3 x16

USB 3.0 port	4
USB 3.1 Gen 2 (10Gbps) Port	1 x Type-A USB 3.1 Gen2 5V/1A 10Gbps
Form Factor	1U Rackmount
LED Indicators	HDD 1-9, Status, LAN, storage expansion port status
Buttons	Power, Reset
Dimensions (HxWxD)	1.7 × 19 × 19.06 inch

Weight (Net)	16.4 lbs
Weight (Gross)	22.31 lbs
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	250W, 100-240V
Power Consumption: Operating Mode, Typical	64.22 W

Fan	System fan: 3 x 40mm, 12VDC
Sound Level	39.2 db(A)
System Warning	Buzzer

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.

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