



HARDWARE SPECS

SOFTWARE SPECS

PACKAGE CONTENTS

▶ TS-977XU-RP-2600-8G



CPU

AMD Ryzen™ 5 2600 6-core/12-thread 3.4 GHz processor, Turbo Core 3.9 GHz

CPU Architecture

64-bit x86

Encryption Engine

✓ (AES-NI)

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System Memory 8 GB UDIMM DDR4 (2 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

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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 × 19.9 inch

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Weight (Net) 19 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 300W(x2), 100-240V

Power Consumption: Operating Mode, Typical 76.43 W

Fan System fan: 3 x 40mm, 12VDC

Sound Level

43.8 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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