

QNAP USA office will be closed on Monday, February 17th 2020, in observance of President's Day.



HARDWARE SPECS

SOFTWARE SPECS

PACKAGE CONTENTS

▶ **TS-863XU-RP-4G**



CPU AMD G-Series GX-420MC quad-core 2.0 GHz processor

CPU Architecture 64-bit x86

Floating Point Unit

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Encryption Engine

✓ (AES-NI)

System Memory

4 GB SO-DIMM DDR3L (1 x 4 GB)

Maximum Memory

16 GB (2 x 8 GB)

Memory Slot

2 x SO-DIMM DDR3L

For dual-DIMM configurations, you must use a pair of identical DDR3 RAM modules.

Flash Memory

512 MB (Dual boot OS protection)

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Drive Bay

8 x 3.5-inch SATA 6Gb/s, 3Gb/s

The system is shipped without HDD.
For the HDD compatibility list, please visit
<https://www.qnap.com/compatibility/>

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



M.2 SSD Slot

Optional via a PCIe adapter

SSD Cache Acceleration Support



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Gigabit Ethernet Port (RJ45)

4

Expandable with an optional PCIe adapter

10 Gigabit Ethernet Port

1 x 10GBASE-T (10G/5G/2.5G/1G/100M)

Pre-installed with a PCIe adapter

Jumbo Frame



PCIe Slot

1

Slot 1: PCIe Gen 2 x4

Pre-installed with the QXG-10G1T 10GbE adapter

USB 2.0 port

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USB 3.0 port 2

USB 3.1 Gen 2 (10Gbps) Port Optional via a PCIe adapter

Form Factor 2U Rackmount

LED Indicators HDD 1-8, Status, LAN, USB, Power

Buttons Power, Reset

Dimensions (HxWxD) 3.5 × 18.98 × 21.02 inch

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Weight (Net) 24.29 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 Redundant/ Hot Swap Power Supply, 250W, 100-240Vac~, 47-63Hz, 5A-2.5A

Power Consumption: HDD Sleep Mode 51.29 W

Power Consumption: Operating Mode, Typical 107.3 W

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Sound Level

36.4 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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