QNAP®

HARDWARE SPECS

SOFTWARE SPECS

PACKAGE CONTENTS

▶ **TS-463XU-RP-4G**

CPU	AMD G-Series GX-420MC quad-core 2.0 GHz processor
CPU Architecture	64-bit x86
Floating Point Unit	

Pre-Sales Online Chat   NAS Selector

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 configuration, you must use a pair of identical DDR3L modules.
Flash Memory	512MB (Dual boot OS protection)

Drive Bay	4 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	✔

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 QXG-10G1T PCIe adapter

Jumbo Frame	✔

PCIe Slot	1 Slot 1: PCIe Gen 2 x4
	Pre-installed QXG-10G1T PCIe adapter

USB 2.0 port	

USB 3.0 port	2
USB 3.1 Gen 2 (10Gbps) Port	Optional via a PCIe expansion adapter
Form Factor	1U Rackmount
LED Indicators	HDD 1-4, Status, USB, LAN
Buttons	Power, Reset, USB Auto Copy
Dimensions (HxWxD)	1.73 × 17.28 × 19.65 inch

Weight (Net)	20.5 lbs
Weight (Gross)	24.85 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 250W, Input: 110-240 Vac~, 50-60Hz, 5A
Power Consumption: HDD Sleep Mode	44.9 W

Power Consumption: Operating Mode, Typical	65.62 W

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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