TS-473-4G

CPU	AMD R-Series RX-421ND quad-core 2.1 GHz processor (Turbo Core to 3.4 GHz)
CPU Architecture	64-bit x86
Graphic Processors	Optional via a PCIe adapter
Floating Point Unit	Yes
Encryption Engine	Yes (AES-NI)
Hardware-accelerated Transcoding	Optional via a PCIe adapter
System Memory	4 GB SO-DIMM DDR4 (2 x 2 GB)
Maximum Memory	64 GB (4 x 16 GB)
Memory Slot	4 x SODIMM DDR4 For dual- or quad-DIMM configurations, you must use a pair of identical DDR4 modules.
Flash Memory	512 MB (Dual boot OS protection)
Drive Bay	4 x 2.5-inch or 3.5-inch
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	Yes The following are not hot-swappable: M.2 SSDs, SSD cache drives, SSDs using PCIe expansion slots.
M.2 SSD Slot	2 x M.2 2280/2260 SATA 6Gb/s slots The M.2 SSD is not included as standard. M.2 SSD operations can easily generate excessive heat. It is recommended to install a heatsink (from QNAP or a third-party provider) on the M.2 SSD.
SSD Cache Acceleration Support	Yes
Gigabit Ethernet Port (RJ45)	4 Expandable with an optional PCIe adapter
10 Gigabit Ethernet Port	Optional via a PCIe adapter
Jumbo Frame	Yes
PCIe Slot	2 x PCIe Gen 3 (x4)
USB 3.0 port	4
USB 3.1 Gen 2 (10Gbps) Port	Optional via a PCIe adapter

IR Sensor	Yes (QNAP RM-IR004)
HDMI Output	Optional via a PCIe adapter
Audio Input	2 x 3.5 mm dynamic microphone jacks
Audio Output	1 x speaker, 1 x 3.5 mm line-out jack You cannot use the speakers and the line-out jack simultaneously.
Form Factor	Tower
LED Indicators	Status/Power, USB, LAN, Drive 1-4, M.2 SSD 1-2
Buttons	Power, Reset, USB Auto Copy
Dimensions (HxWxD)	188.2 × 199.3 × 279.6 mm
Weight (Net)	4.9 kg
Weight (Gross)	6.05 kg
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 AC, 50-60Hz, 3.5A
Power Consumption: HDD Sleep Mode	33.24 W
Power Consumption: Operating Mode, Typical	56.23 W With 4 x 2TB HDDs installed
Fan	System: 1 x 120 mm CPU: 1 x 60 mm
Sound Level	21.7 db(A)
Kensington Security Slot	Yes

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.