



TVS-473e-4G

CPU	AMD R-Series RX-421BD quad-core 2.1 GHz processor (Turbo Core to 3.4 GHz)
CPU Architecture	64-bit x86
Graphic Processors	Embedded Radeon™ R7 Graphics Processor
Floating Point Unit	Yes
Encryption Engine	Yes (AES-NI)
Hardware-accelerated Transcoding	Yes
System Memory	4 GB SO-DIMM DDR4 (2 x 2 GB)
Maximum Memory	64 GB (4 x 16 GB)
Memory Slot	4 x SO-DIMM DDR4
Flash Memory	512 MB (Dual boot OS protection)
Drive Bay	4 x 3.5-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	Yes
M.2 SSD Slot	2 x M.2 2280/2260 SATA 6Gb/s slots
SSD Cache Acceleration Support	Yes
Gigabit Ethernet Port (RJ45)	4
10 Gigabit Ethernet Port	Optional via a PCIe adapter
Wake on LAN (WOL)	Yes
Jumbo Frame	Yes

PCIe Slot	2 Slot 1: PCIe Gen 3 x4 Slot 2: PCIe Gen 3 x4
USB 3.2 Gen 1 port	4
USB 3.2 Gen 2 (10Gbps) Port	Optional via a PCIe adapter
USB QuickAccess	1 x USB 3.2 Gen 1 Micro-B
IR Sensor	Yes (QNAP RM-IR004)
HDMI Output	2, HDMI 1.4b (up to 3840 x 2160 @ 30Hz)
Audio Input	2 x 3.5mm dynamic microphone input jacks
Audio Output	1 x built-in speaker, 1 x 3.5mm line out jack (for amplifiers or speakers)
Form Factor	Tower
LED Indicators	Status/Power, USB, LAN, Drive 1-4, M.2 SSD 1-2
LCD Display/ Button	Yes
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)
Storage Temperature	-20 - 70°C (-4°F - 158°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
Fan	System fan: 1 x 120mm CPU fan: 1 x 60mm
Sound Level	21.7 db(A)
System Warning	Buzzer
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.
Product images are for illustrative purposes only and may differ from the actual product. Due to differences in monitors, colors of products may also appear different to those shown on the site.
Designs and specifications are subject to change without notice.