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▶ **TVS-473e-8G**

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

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Floating Point Unit



Encryption Engine

✓ (AES-NI)

Hardware-accelerated
Transcoding



System Memory

8 GB SO-DIMM DDR4 (2 x 4 GB)

Maximum Memory

64 GB (4 x 16 GB)

Memory Slot

4 x SO-DIMM DDR4

For dual- or quad-DIMM configurations, you must use a pair of identical modules.

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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 

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 slot

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.

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SSD Cache Acceleration Support



Gigabit Ethernet Port (RJ45)

4

Expandable with an optional PCIe adapter

10 Gigabit Ethernet Port

Optional via a PCIe adapter

Jumbo Frame



PCIe Slot

2

Slot 1: PCIe Gen 3 x4

Slot 2: PCIe Gen 3 x4

USB 3.0 port

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

USB QuickAccess 1 x USB 3.0 Micro-B

IR Sensor ✓ (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)

You cannot use the speakers and the line-out jack simultaneously.

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Form Factor

Tower

LED Indicators

Status/Power, USB, LAN, Drive 1-4, M.2 SSD 1-2

LCD Display/ Button



Buttons

Power, Reset, USB Auto Copy

Dimensions (HxWxD)

7.41 × 7.85 × 11.01 inch

Weight (Net)

10.8 lbs

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Weight (Gross) 13.34 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 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

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Fan System fan: 1 x 120mm
CPU fan: 1 x 60mm

Sound Level 21.7 db(A)


System Warning Buzzer

Kensington Security Slot 

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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