

**TVS-473e-8G**

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|--------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| CPU                            | Processor: AMD R-Series RX-421BD quad-core 2.1 GHz processor, Turbo Core up to 3.4 GHz<br>Architecture: 64-bit<br>Graphics: Embedded Radeon™ R7 graphics processor<br>Encryption Engine: AES-NI                                                      |
| System Memory                  | 8 GB DDR4 (2 x 4 GB)                                                                                                                                                                                                                                 |
| Maximum Memory                 | 64 GB (4 x 16 GB)                                                                                                                                                                                                                                    |
| Memory Slot                    | 4 x SODIMM DDR4<br>(For dual- or quad-DIMM configurations, you must use a pair of identical DDR4 modules.)                                                                                                                                           |
| Flash Memory                   | 512MB DOM                                                                                                                                                                                                                                            |
| Drive Bay                      | 4 x SATA 6 Gbps                                                                                                                                                                                                                                      |
| Drive Compatibility            | 3.5-inch SATA hard disk drives<br>2.5-inch SATA hard disk drives<br>2.5-inch SATA solid state drives                                                                                                                                                 |
| M.2 SSD Slot                   | 2 x M.2 2260/2280 SATA 6Gb/s SSDs<br>Note:<br>1. The M.2 SSD is not included as standard.<br>2. 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 | Drive bays 1 to 4<br>M.2 slots 1 to 2<br>Optional: SSD using PCIe expansion slot                                                                                                                                                                     |
| Hot-swappable                  | Yes<br>The following are not hot-swappable: M.2 SSDs, SSD cache drives, SSDs using PCIe expansion slots.                                                                                                                                             |
| Gigabit Ethernet Port          | 4 x RJ45                                                                                                                                                                                                                                             |
| USB QuickAccess Port           | USB Micro-B                                                                                                                                                                                                                                          |
| PCIe Slot                      | 2 x PCIe 3.0 x4<br>Note: Support 10GbE LAN card, USB 3.1 Gen2 (10Gb/s) expansion card, QM2 card, or PCIe wireless network card.                                                                                                                      |

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|-------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| USB Port                                  | 4 x USB 3.0 (Front: 1; Back: 3)                                                                                                                            |
| HDMI Output                               | 2 x HDMI 1.4b (up to 3840 x 2160 resolution at 30 Hz)                                                                                                      |
| Audio                                     | 2 x 3.5 mm dynamic microphone jacks<br>1 x 3.5 mm line-out jack<br>2 x speakers<br>Note: You cannot use the speakers and the line-out jack simultaneously. |
| Display Panel                             | Monochrome backlit LCD display with Enter and Select buttons                                                                                               |
| USB One Touch Copy                        | Front: USB 3.0                                                                                                                                             |
| IR sensor                                 | QNAP RM-IR004 remote control (MCE compatible) (sold separately)                                                                                            |
| Form Factor                               | Tower                                                                                                                                                      |
| Dimensions (H x W x D)                    | 188.2 x 199.3 x 279.6 mm<br>7.41 x 7.85 x 11.01 inch                                                                                                       |
| Net Weight                                | 4.9 kg (10.80 lbs)                                                                                                                                         |
| Power Supply Unit                         | 250W, 100-240V AC, 50/60Hz, 3.5A                                                                                                                           |
| Fan                                       | System: 1 x 120 mm<br>CPU: 1 x 60 mm                                                                                                                       |
| Operating Temperature & Relative Humidity | 0 ~ 40°C ( 32°F ~ 104°F ), 5 ~ 95% RH non-condensing, wet bulb: 27°C (80.6°F)                                                                              |
| Security Slot                             | 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.