



HARDWARE SPECS

SOFTWARE SPECS

PACKAGE CONTENTS

## ▶ TVS-673e-8G



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|     |   |
|-----|---|
| CPU | AMD R-Series RX-421BD quad-core 2.1 GHz processor (Turbo Core to 3.4 GHz) |
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|                  |            |
|------------------|------------|
| CPU Architecture | 64-bit x86 |
|------------------|------------|

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|--------------------|--|
| Graphic Processors | Embedded Radeon™ R7 Graphics Processor |
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Floating Point Unit



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Encryption Engine

✓ (AES-NI)

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Hardware-accelerated  
Transcoding



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System Memory

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

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Maximum Memory

64 GB (4 x 16 GB)

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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)

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Drive Bay 6 x 3.5-inch SATA 6Gb/s, 3Gb/s

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Drive Compatibility 3.5-inch SATA hard disk drives  
2.5-inch SATA hard disk drives  
2.5-inch SATA solid state drives

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Hot-swappable 

The following are not hot-swappable: M.2 SSDs, SSD cache drives, SSDs using PCIe expansion slots.

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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.

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SSD Cache Acceleration Support



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Gigabit Ethernet Port (RJ45)

4

Expandable with an optional PCIe adapter

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10 Gigabit Ethernet Port

Optional via a PCIe adapter

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Jumbo Frame



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PCIe Slot

2

Slot 1: PCIe Gen 3 x4

Slot 2: PCIe Gen 3 x4

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USB 3.0 port

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

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USB QuickAccess                      1 x USB 3.0 Micro-B

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IR Sensor                                ✓ (QNAP RM-IR004)

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HDMI Output                            2, HDMI 1.4b (up to 3840 x 2160 @ 30Hz)

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Audio Input                             2 x 3.5 mm dynamic microphone jacks

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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

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LED Indicators

Status/Power, USB, LAN, Drive 1-6, M.2 SSD 1-2

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LCD Display/ Button



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Buttons

Power, Reset, USB Auto Copy

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Dimensions (HxWxD)

7.41 × 10.41 × 11.01 inch

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Weight (Net)

12.9 lbs

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Weight (Gross) 16.76 lbs

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Operating temperature 0 - 40 °C (32°F - 104°F)

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Relative Humidity 5-95% RH non-condensing, wet bulb: 27 °C (80.6 °F)

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Power Supply Unit 250W, 100-240V AC, 50-60Hz, 3.5A

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Power Consumption: HDD  
Sleep Mode 35.11 W

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Power Consumption: Operating  
Mode, Typical 63.69 W

With 6 x 2TB HDDs installed

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Fan System fan: 2 x 90mm  
CPU fan: 1 x 60mm

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Sound Level 23 db(A)

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System Warning Buzzer

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Kensington Security Slot 

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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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