



## TVS-675-8G

CPU	ZhaoXin KX-U6580 8-core 2.5GHz processor KX-U6580 8-core 2.5GHz processor x86_64 8-core 2.5GHz processor
CPU Architecture	64-bit x86
Graphic Processors	ZhaoXin C-960 Graphics Integrated UHD Graphics Integrated UHD Graphics
Floating Point Unit	Yes
Encryption Engine	Yes (AES-NI)
Hardware-accelerated Transcoding	Yes
System Memory	8 GB SODIMM DDR4 (1 x 8 GB)
Maximum Memory	64GB (2 x 32 GB)
Memory Slot	2 x SODIMM DDR4  For dual-DIMM configuration, you must use a pair of identical DDR4 modules.
Flash Memory	5GB (Dual boot OS protection)
Drive Bay	6 x 3.5-inch SATA 6Gb/s, 3Gb/s
Drive Compatibility	3.5-inch bays: 3.5-inch SATA hard disk drives 2.5-inch SATA solid state drives
Hot-swappable	Yes (Not supported M.2 SSD)
M.2 Slot	2 x M.2 2280 PCIe Gen 3 x1 or SATA 6Gb/s slots  Compatible with NVMe SSD PCIe Gen 3 and above. Please refer to <a href="https://www.qnap.com/compatibility/">https://www.qnap.com/compatibility/</a> for compatibility.
SSD Cache Acceleration Support	Yes
2.5 Gigabit Ethernet Port (2.5G/1G/100M)	2 (2.5G/1G/100M)

5 Gigabit Ethernet Port (5G/2.5G/1G/100M)	Optional via an adapter
10 Gigabit Ethernet Port	Optional via an adapter
Wake on LAN (WOL)	Yes  Only the 2.5GbE port
Jumbo Frame	Yes
PCIe Slot	2 Slot 1: PCIe Gen 3 x4 Slot 2: PCIe Gen 3 x4  Card dimensions for PCIe slot 1~Slot 2 : 190 x 111.15 x 18.76 mm / 7.48 x 4.38 x 0.74 inches. Wider cards can be installed if the next PCIe slot will not be used.
USB 3.2 Gen 1 port	2
USB 3.2 Gen 2 (10Gbps) Port	2 x Type-A
HDMI™ Output	1, HDMI™ 2.0 (up to 3840 x 2160 @ 60Hz)
Form Factor	Tower
LED Indicators	HDD 1-6, Status, LAN, USB, M.2 SSD 1-2
Buttons	Power, Reset, USB Copy
Dimensions (HxWxD)	180.2 x 264.3 x 279.6 mm  Dimensions do not include foot pad (foot pad may be up to 30mm / 1.18 inches high depending on model)
Weight (Net)	7 kg
Weight (Gross)	7.8 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: Disk Standby Mode	41.897
Power Consumption: Operating Mode, Typical	60.794 W
Fan	3 x 80mm, 12VDC
System Warning	Buzzer
Kensington Security Slot	Yes

Standard Warranty	3
Max. Number of Concurrent Connections (CIFS) - with Max. Memory	2000

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 and refer to the hardware user manual to install compatible QNAP memory modules.

Warning: Using unsupported modules may degrade performance, cause errors, or prevent the operating system from starting. QNAP reserves the right to replace partial parts or accessories if the original is no longer available from its manufacturer/supplier. Any replacement would be fully tested and verified to meet strict compatibility and stability guidelines and will deliver identical performance to the original.

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