



## TVS-675-8G

CPU	ZhaoXin KX-U6580 8-core 2.5GHz processor
CPU Architecture	64-bit x86
Graphic Processors	ZhaoXin C-960 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 SO-DIMM DDR4
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 hard disk drives 2.5-inch SATA solid state drives
Hot-swappable	Yes
M.2 SSD Slot	2 x M.2 2280 PCIe Gen 3 x1 or SATA 6Gb/s slots
SSD Cache Acceleration Support	Yes
2.5 Gigabit Ethernet Port (2.5G/1G/100M)	2
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

Jumbo Frame	Yes
PCIe Slot	2 Slot 1: PCIe Gen 3 x4 Slot 2: PCIe Gen 3 x4
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)	188.2 × 263.9 × 280.8 mm
Weight (Net)	6.2 kg
Weight (Gross)	7.67 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	41.897 W
Power Consumption: Operating Mode, Typical	60.794 W
Fan	3 x 80mm, 12VDC
Sound Level	20.2 db(A)
System Warning	Buzzer
Kensington Security Slot	Yes
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.

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.