



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 SODIMM 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 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 (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
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
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.

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