



TVS-h674-i3-16G

CPU	Intel® Core™ i3-12100 4-core/8-thread Processor, burst up to 4.3 GHz
CPU Architecture	64-bit x86
Graphic Processors	Intel® UHD Graphics 730
Floating Point Unit	Yes
Encryption Engine	Yes (AES-NI)
Hardware-accelerated Transcoding	Yes
System Memory	16 GB SODIMM DDR4 (1 x 16 GB)
Maximum Memory	64 GB (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 solid state drives
Hot-swappable	Yes
M.2 Slot	2 x M.2 2280 PCIe Gen 4 x4 slots Compatible with NVME PCIe Gen3 & Gen4 SSDs, refer to https://www.qnap.com/compatibility/ for compatibility
SSD Cache Acceleration Support	Yes
GPU pass-through	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 PCIe expansion card

10 Gigabit Ethernet Port	Optional via PCIe expansion card Optional via PCIe expansion card
Wake on LAN (WOL)	Yes
Jumbo Frame	Yes
PCIe Slot	2 Slot 1: PCIe Gen 4 x16 Slot 2: PCIe Gen 4 x4 Card dimensions for PCIe slot 1~Slot 2 : 185 x 111.15 x 18.76 mm / 7.28 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 2 (10Gbps) Port	1 x Type-C USB 3.2 Gen 2 10Gbps 2 x Type-A USB 3.2 Gen 2 10Gbps
HDMI Output	1, HDMI 1.4b (up to 4096 x 2160 @ 30Hz)
Form Factor	Tower
LED Indicators	HDD 1-6, Status, LAN, USB port, M.2 port
LCD Display/ Button	Yes
Buttons	Power, Reset, USB Copy
Dimensions (HxWxD)	188.2 × 264.3 × 280.8 mm
Weight (Net)	6.32 kg
Weight (Gross)	7.89 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
Power Consumption: HDD Sleep Mode	39.911 W
Power Consumption: Operating Mode, Typical	79.363 W Tested fully populated with WD10EFRX hard drives.
Fan	System fan: 2 x 92mm, 12VDC CPU fan: 1 x 60mm, 12VDC
System Warning	Buzzer
Kensington Security Slot	Yes
Max. Number of Concurrent Connections (CIFS) - with Max. Memory	2500

Note: Use only ONAP 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. 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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