



TVS-h874T-i7-32G

CPU Intel® Core™ i7 12-core (8P+4E) /20-thread Processor

CPU Architecture 64-bit x86

Graphic Processors Intel® UHD Graphics 770

Floating Point Unit Yes

Encryption Engine Yes (AES-NI)

Hardware-accelerated Transcoding Yes

System Memory 32 GB SODIMM DDR4 (2 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 8 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 SSD PCIe Gen 3 and above. Please 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)

Wake on LAN (WOL) Yes

Jumbo Frame Yes

Thunderbolt Port	2 (Thunderbolt™ 4) Supports only Thunderbolt connections for Windows & Mac hosts and USB storage devices. Third-party Thunderbolt external storage devices are not supported.
PCIe Slot	2 Slot 1: PCIe Gen 4 x16 Slot 2: PCIe Gen 4 x4 *Slot 2 is preinstalled with a Thunderbolt 4 AIC. Card dimensions for PCIe slot 1~Slot 2 : 185 x 131.15 x 18.76 mm / 7.28 x 5.16 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 1-8, Status, LAN, USB port, M.2 port
LCD Display/ Button	Yes
Buttons	Power, Reset, USB Copy
Dimensions (HxWxD)	7.09 × 12.96 × 11.01 inch Dimensions do not include foot pad (foot pad may be up to 30mm / 1.18 inches high depending on model)
Weight (Net)	16.18 lbs
Weight (Gross)	19.82 lbs
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	350W (PWR-PSU-350W-DT01), 100-240V
Power Consumption: HDD Sleep Mode	62.668 W
Power Consumption: Operating Mode, Typical	104.35 W Tested fully populated with WD10EFRX hard drives.
Fan	System fan: 2 x 120mm, 12VDC CPU fan: 1 x 60mm, 12VDC
System Warning	Buzzer
Kensington Security Slot	Yes

Max. Number of Concurrent Connections (CIFS) - with Max. Memory	3500
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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 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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