



TVS-h874T-i9-64G

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| CPU | Intel® Core™ i9 16-core (8P+8E) /24-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 | 64 GB SODIMM DDR4 (2 x 32 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/10M) |
| Wake on LAN (WOL) | Yes |
| Jumbo Frame | Yes |

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| 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 |

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| 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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