



TVS-1282T3-i5-16G

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| CPU | Intel® Core™ i5-7500 quad-core 3.4 GHz processor, Max turbo to 3.8 GHz |
| CPU Architecture | 64-bit x86 |
| Graphic Processors | Intel® HD Graphics 630 |
| Floating Point Unit | Yes |
| Encryption Engine | Yes (AES-NI) |
| Hardware-accelerated Transcoding | Yes |
| System Memory | 16GB UDIMM DDR4 (2 x 8GB) |
| Maximum Memory | 64 GB (4 x 16 GB) |
| Memory Slot | 4 x Long-DIMM DDR4 |
| Flash Memory | 512MB (DOM for dual OS) |
| Drive Bay | 8 x 3.5-inch + 4 x 2.5-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 2.5-inch bays: 2.5-inch SATA solid state drives |
| Hot-swappable | Yes |
| M.2 SSD Slot | 2 x M.2 2242/2260/2280/22110 SATA 6Gb/s slots |
| SSD Cache Acceleration Support | SSD slot 1, 2, 3, 4 |
| Gigabit Ethernet Port (RJ45) | 4 |
| 10 Gigabit Ethernet Port | 2 x 10GBASE-T |
| Jumbo Frame | Yes |
| Thunderbolt Port | 4 (Thunderbolt 3) |

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| PCIe Slot | 3 Slot 1: PCIe Gen 3 x8 Slot 2: PCIe Gen 3 x4 Slot 3: PCIe Gen 3 x4 |
| USB 3.2 Gen 1 port | 5 |
| HDMI Output | 3 |
| Audio Input | 2 x 6.3mm dynamic microphone input jacks |
| Audio Output | 2 x built-in speaker, 1 x 3.5mm line out jack (for amplifiers or speakers) |
| Form Factor | Tower |
| LED Indicators | System status, 2.5" SSD, M.2 SSD, 3.5" HDD |
| LCD Display/ Button | Yes |
| Buttons | Power, Reset, USB Auto Copy |
| Dimensions (HxWxD) | 234.6 × 369.9 × 319.8 mm |
| Weight (Net) | 11.55 kg |
| Weight (Gross) | 13.65 kg |
| Operating temperature | 0 - 40 °C (32°F - 104°F) |
| Relative Humidity | 5-95% RH non-condensing, wet bulb: 27°C (80.6°F) |
| Power Supply Unit | Input: 100-240V~, 3-1.5A, 60-50Hz; Output: 250W |
| Power Consumption: Operating Mode, Typical | 110.87 W |
| Fan | System fan: 3 x 80mm CPU fan: 2 x 90mm |
| Sound Level | 21.6 db(A) |
| System Warning | Buzzer |
| Kensington Security Slot | Yes |
| Max. Number of Concurrent Connections (CIFS) | 1500 |

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.

Designs and specifications are subject to change without notice.