

TVS-1282T3-i7-32G	
CPU	Intel® Core™ i7-7700 quad-core 3.6 GHz processor, Max turbo to 4.2 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	32 GB UDIMM DDR4 (4 x 8GB)
Maximum Memory	64 GB (4 x 16 GB)
Memory Slot	4 x DDR4 Long-DIMM
Flash Memory	512MB (DOM for dual OS)
Drive Bay	8 x 3.5-inch + 4 x 2.5-inch
Drive Compatibility	<p>3.5-inch bays:</p> <ul style="list-style-type: none"> <li>3.5-inch SATA hard disk drives</li> <li>2.5-inch SATA hard disk drives</li> <li>2.5-inch SATA solid state drives</li> </ul> <p>2.5-inch bays:</p> <ul style="list-style-type: none"> <li>2.5-inch SATA solid state drives</li> </ul>
Hot-swappable	Yes
M.2 SSD Slot	<p>2 x M.2 2242/2260/2280/22110 SATA 6Gb/s slots</p> <p>The M.2 SSD is not included as standard. M.2 SSD operations can easily generate excessive heat. It is recommended to install a heatsink (from QNAP or a third-party provider) on the M.2 SSD.</p>
Gigabit Ethernet Port (RJ45)	4
10 Gigabit Ethernet Port	2 x 10GBASE-T
Jumbo Frame	Yes
Thunderbolt Port	4 (Thunderbolt 3)
PCIe Slot	<p>Slot 1: PCIe Gen3 x8</p> <p>Slot 2: PCIe Gen3 x4</p> <p>Slot 3: PCIe Gen3 x4</p> <p>Three PCIe slots are occupied by two Thunderbolt™ 3 cards and a 10GbE adapter.</p>
USB 3.0 port	5
HDMI Output	3

Audio Input	2 x 6.3mm MIC In
Audio Output	2 x built-in speaker, 1 x 3.5mm Line-out jack  Only one of the above audio output ports can work at a time. If a speaker is connected, the sound will output through the speaker.
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	111.358 W
Fan	System: 3 x 8 cm cooling fan CPU: 2 x 9 cm fan
Sound Level	21.6 db(A)
System Warning	Buzzer

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.