

TVS-1282-i5-16G	
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	16 GB UDIMM DDR4 (2 x 8GB)
Maximum Memory	64 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"> 3.5-inch SATA hard disk drives 2.5-inch SATA hard disk drives 2.5-inch SATA solid state drives <p>2.5-inch bays:</p> <ul style="list-style-type: none"> 2.5-inch SATA solid state drives
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)	<p>4</p> <p>For a list of compatible network adapters, please visit the Compatibility List.</p> <p>For instructions on how to install network adapters, please refer to Chapter 6 of the QNAP NAS Hardware Manual.</p>
Jumbo Frame	Yes
PCIe Slot	<p>Slot 1: PCIe Gen3 x8</p> <p>Slot 2: PCIe Gen3 x4</p> <p>Slot 3: PCIe Gen3 x4</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
Buttons	Power, Reset, USB Auto Copy
Dimensions (HxWxD)	234.6 × 369.9 × 319.8 mm
Weight (Net)	11.34 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: HDD Sleep Mode	36.02 W
Power Consumption: Operating Mode, Typical	66.36 W
Fan	System: 3 x 8 cm cooling fan CPU: 1 x 9 cm fan
Sound Level	21 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.