

TVS-1282-i7-32G-450W (Legacy)

CPU	Intel® Core™ i7-7700 4-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 16GB)
Memory Slot	4 x DDR4 UDIMM
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 Slot	2 x M.2 2242/2260/2280/22110 SATA 6Gb/s slots 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.
SSD Cache Acceleration Support	SSD slot 1, 2, 3, 4
GPU pass-through	Yes

Gigabit Ethernet Port (RJ45)	4 For a list of compatible network adapters, please visit the Compatibility List. For instructions on how to install network adapters, please refer to Chapter 6 of the QNAP NAS Hardware Manual.
Wake on LAN (WOL)	Yes
Jumbo Frame	Yes
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 amplifier or headphone amplifier) 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)
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	Input: 100-240V~, 8-4A, 60-50Hz; Output: 450W
Power Consumption: HDD Sleep Mode	35.59 W
Power Consumption: Operating Mode, Typical	66.36 W
Fan	System fan: 3 x 80mm CPU fan: 1 x 90mm
System Warning	Buzzer
Kensington Security Slot	Yes
Standard Warranty	2

Max. Number of Concurrent Connections (CIFS) - with Max. Memory	5000

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.
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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