QNAP

TVS-1282-i7-64G-450W

CPU	Intel® Core™ i7-7700 3.6 GHz quad-core processor
System Memory	Total DIMM slots: 4 Maximum memory: 64 GB (16 GB x4) Memory modules pre-installed: 64 GB DDR4 RAM (16 GB x 4)
Flash Memory	512MB DOM
M.2 SSD Slot	2 x M.2 2242/2260/2280/22110 SATA 6Gb/s SSD Note: 1. The M.2 SSD is not included as standard. 2. 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.
Drive Bay	4 x 2.5" SSD, max 9.5mm drive height 8 x 2.5"/3.5" hard drive or SSD
Drive Compatibility	SATA 6Gbps/3Gbps; Hot-swappable
USB Port	1 x USB 3.0 port (Front) 4 x USB 3.0 port (Rear)
Gigabit Ethernet Port	4 x GbE port (10GbE and 40GbE are supported with the purchase and installation of compatible network adapters) Note: 1. For a list of compatible network adapters, please visit the Compatibility List. 2. For instructions on how to install network adapters, please refer to Chapter 6 of the QNAP NAS Hardware Manual.
HDMI Output	3
Audio	Input: 2 x 6.3mm MIC In Output: 2 x built-in speaker, 1 x 3.5mm Line-out jack Note: 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.
LED Indicators	System status, 2.5" SSD, M.2 SSD, 3.5" HDD
Buttons	System: Power button, Reset button, USB one-touch-backup button
System Warning	Buzzer
Form Factor	Tower
Dimensions (H x W x D)	234.6 (H) x 369.9 (W) x 319.8 (D) mm 9.23 (H) x 14.56 (W) x 12.59 (D) inch
Weight	Net (NAS only): 11.34 kg Gross (with packing and accessories): 13.65 kg
Sound Level	Sound pressure (LpAm) (bystander position): 21.6 dB (with 8 x Seagate ST2000VN000-1HJ164 hard drive installed)

Operating Temperature & Relative Humidity	0-40°C 5~95% non-condensing, wet bulb: 27°C
Power Supply Unit	Input: 100-240V~, 8-4A, 60-50Hz; Output: 450W
PCIe Slot	3 (1* PCIe Gen3 x8; 2* PCIe Gen3 x4)
Fan	System: 3 x 8 cm cooling fan CPU: 1 x 9 cm fan

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.

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