QNAP

TVS-1582TU-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	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	9 x 3.5-inch + 6 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 hard disk drives 2.5-inch SATA solid state drives
Hot-swappable	Yes
SSD Cache Acceleration Support	SSD slot 1, 2, 3, 4
Gigabit Ethernet Port (RJ45)	4
10 Gigabit Ethernet Port	2 x 10GbE SFP+
Jumbo Frame	Yes
Thunderbolt Port	4 (Thunderbolt 3)

PCIe Slot	3 Slot 1: PCIe Gen 3 x4 Slot 2: PCIe Gen 3 x8 Slot 3: PCIe Gen 3 x4
USB 2.0 port	4
USB 3.2 Gen 1 port	4
HDMI Output	1, HDMI 1.4b
Form Factor	2U Rackmount
LED Indicators	HDD, Status, 10 GbE, LAN, storage expansion port status
Buttons	Power, Reset
Dimensions (HxWxD)	88 × 442.5 × 530.5 mm
Weight (Net)	14.18 kg
Weight (Gross)	21.41 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	Redundant/ Hot Swap ATX Power Supply,Input: 50-60 Hz 100-127V~/ 5,5A 200-240V/ 3A Output: 450W
Power Consumption: HDD Sleep Mode	10.528 W
Power Consumption: Operating Mode, Typical	243.12 W
Fan	4 x 60mm smart cooling fan
Sound Level	53.9 db(A)
System Warning	Buzzer
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.