TVS-h1288X-W1250-16G

CPU	Intel® Xeon® W-1250 6-core 3.3 GHz processor (boost up to 4.7 GHz)
CPU Architecture	64-bit x86
Graphic Processors	Intel® UHD Graphics P630
Floating Point Unit	Yes
Encryption Engine	Yes (AES-NI)
Hardware-accelerated Transcoding	Yes
System Memory	16 GB ECC UDIMM DDR4 (2 x 8 GB)
Maximum Memory	128 GB (4 x 32 GB)
Memory Slot	4 x Long-DIMM DDR4
Flash Memory	5GB (Dual boot OS protection)
Drive Bay	8 x 3.5-inch SATA 6Gb/s, 3Gb/s + 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 SSD Slot	2 x M.2 22110/2280 NVMe PCIe Gen3 x4 slots
SSD Cache Acceleration Support	Yes
2.5 Gigabit Ethernet Port (2.5G/1G/100M)	4 (also support 10M)
5 Gigabit Ethernet Port (5G/2.5G/1G/100M)	Optional via an adapter
10 Gigabit Ethernet Port	2 x 10GBASE-T (10G/1G)

Wake on LAN (WOL)	Yes
25 Gigabit Ethernet Port	Optional via an adapter
Jumbo Frame	Yes
Thunderbolt Port	Optional via the QXP-T32P 2-port Thunderbolt 3 PCIe adapter
PCIe Slot	3 Slot 1: PCIe Gen3 x8 Slot 2: PCIe Gen3 x4 Slot 3: PCIe Gen3 x4
USB 3.2 Gen 2 (10Gbps) Port	2 x Type-C 3 x Type-A
HDMI Output	1, HDMI 1.4b (up to 4096 x 2160 @ 30Hz)
Audio Input	1 x 3.5 mm dynamic microphone jacks
Audio Output	1 x built-in speaker, 1 x 3.5mm line out jack (for amplifiers or speakers)
Form Factor	Tower
LED Indicators	System status, LAN, USB, Disk 1~12, M.2 SSD 1~2
LCD Display/ Button	Yes
Buttons	Power, Reset, USB Auto Copy
Dimensions (HxWxD)	234.6 × 369.9 × 319.8 mm
Weight (Net)	11.27 kg
Weight (Gross)	14.95 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	550W PSU, 100~240V
Power Consumption: HDD Sleep Mode	85.216 W
Power Consumption: Operating Mode, Typical	97.492 W
Fan	System fan: 3 x 80mm, 12VDC CPU fan: 2 x 97mm, 12VDC
Sound Level	26 db(A)
System Warning	Buzzer
Kensington Security Slot	Yes
Max. Number of Concurrent Connections (CIFS)	9000

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.