



TS-h966TX-8G	
CPU	Intel® Core™ i3 6-core processor, up to 4.4 GHz
CPU Architecture	64-bit x86
Graphic Processors	Intel® UHD Graphics
Encryption Engine	Yes (AES-NI)
Secure Boot	Yes
Hardware-accelerated Transcoding	Yes
System Memory	8 GB SODIMM DDR5
Maximum Memory	64GB (2 x 32GB)
Memory Slot	2 x SODIMM DDR5
Flash Memory	4GB (Dual boot OS protection)
Drive Bay	5 x 3.5-inch SATA 6Gb/s + 4 x 2.5-inch U.2 PCIe NVMe slots
Drive Compatibility	3.5-inch bays: 3.5-inch SATA hard disk drives 2.5-inch SATA solid state drives 2.5-inch bays: 2.5-inch U.2 PCIe NVMe solid state drives
Hot-swappable	Yes
SSD Cache Acceleration Support	Yes
2.5 Gigabit Ethernet Port (2.5G/1G/100M)	1(2.5G/1G/100M/10M)
10 Gigabit Ethernet Port	1 x 10GBASE-T (10G/5G/2.5G/1G/100M)
Wake on LAN (WOL)	Yes
Jumbo Frame	Yes
Thunderbolt Port	2 (Thunderbolt™ 4)

USB 2.0 port	1
USB 3.2 Gen 2 (10Gbps) Port	2
HDMI™ Output	1 x HDMI™ (up to 4K@60Hz)
Form Factor	Tower
LED Indicators	3.5-inch HDD, 2.5" U.2 SSD, Status, LAN, USB port status
Buttons	Power, Reset, USB Copy
Dimensions (HxWxD)	182.7 × 224.6 × 223.6 mm
Weight (Net)	3.57 kg
Weight (Gross)	5.08 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	150W adapter, AC 100 to 240 V
Power Consumption: Disk Standby Mode	38.619 W
Power Consumption: Operating Mode, Typical	55.186 W Tested with drives fully populated.
Fan	1 x 140mm, 12VDC
System Warning	Buzzer
Kensington Security Slot	Yes
Standard Warranty	3 years
Max. Number of Concurrent Connections (CIFS) - with Max. Memory	2000

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 and refer to the hardware user manual to install compatible QNAP memory modules.

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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