



TS-h1090FU-7232P-64G

CPU	AMD EPYC™ 7232P/7252 8-core/16-thread processor, up to 3.2 GHz
CPU Architecture	64-bit x86
Encryption Engine	Yes (AES-NI)
System Memory	64 GB RDIMM DDR4 ECC (8 x 8 GB)
Maximum Memory	1 TB+ (12 x 128 GB)
Memory Slot	12 x RDIMM DDR4
Flash Memory	5GB (Dual boot OS protection)
Drive Bay	10 x 2.5-inch U.2 PCIe NVMe / SATA 6Gbps
Drive Compatibility	2.5-inch U.2 NVMe Gen 4 x4 solid state drives 2.5-inch SATA solid state drives
Hot-swappable	Yes
SSD Cache Acceleration Support	Yes
SR-IOV	Yes
2.5 Gigabit Ethernet Port (2.5G/1G/100M)	2 (2.5G/1G/100M/10M)
25 Gigabit Ethernet Port	2 x 25GbE SFP28 SmartNIC port
Wake on LAN (WOL)	Yes
Jumbo Frame	Yes
PCIe Slot	2 Slot 1: PCIe Gen4 x16 Slot 2: PCIe Gen4 x16
USB 3.2 Gen 1 port	3
Form Factor	Rackmount
LED Indicators	Disk, Status, LAN, storage expansion port status
Buttons	Power, Reset

Dimensions (HxWxD)	44 × 430 × 580 mm
Weight (Net)	10.33 kg
Weight (Gross)	13.38 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	550W PSU (x2), AC 100-240 V
Power Consumption: Operating Mode, Typical	157.97 W
Fan	5 x 60mm, 12VDC
System Warning	Buzzer
Max. Number of Concurrent Connections (CIFS) - with Max. Memory	10,000

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.

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