

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
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 The system is shipped without SSD. For the SSD compatibility list, please visit https://www.qnap.com/compatibility/
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 Only the 2.5GbE port
Jumbo Frame	Yes

PCIe Slot	2 Slot 1: PCIe Gen4 x16 Slot 2: PCIe Gen4 x16 For low profile PCIe cards only. Card dimensions for PCIe slot 1：198 x 68.9 x 18.76 mm / 7.8 x 2.71 x 0.74 inches. Card dimensions for PCIe slot 2：250 x 68.9x 18.76 mm / 9.84 x 2.71 x 0.74 inches. Wider cards can be installed if the next PCIe slot will not be used.
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 × 582 mm
Weight (Net)	11.6 kg
Weight (Gross)	13.4 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 Tested with drives fully populated.
Fan	5 x 60mm, 12VDC
System Warning	Buzzer
Standard Warranty	5 years
Max. Number of Concurrent Connections (CIFS) - with Max. Memory	10000

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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