



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.

* Sound Level Test

Environment: Refer to ISO 7779; Maximum HDD loaded; Bystander Position; Average data from 1 meter in front of operating NAS.

Product images are for illustrative purposes only and may differ from the actual product. Due to differences in monitors, colors of products may also appear different to those shown on the site.

Designs and specifications are subject to change without notice.