



TS-h1290FX-7302P-256G

CPU AMD EPYC™ 7302P 16-core/32-thread processor, up to 3.3 GHz

CPU Architecture 64-bit x86

Encryption Engine Yes (AES-NI)

System Memory 256 GB RDIMM DDR4 ECC (8 x 32 GB)

Maximum Memory 1 TB (8 x 128 GB)

Memory Slot 8 x RDIMM DDR4

Flash Memory 5GB (Dual boot OS protection)

Drive Bay 12 x 2.5-inch

Drive Compatibility 2.5-inch bays:
2.5-inch SATA solid state drives
2.5-inch U.2 NVMe PCIe Gen4 x4 solid state drives

Hot-swappable Yes

SSD Cache Acceleration Support Yes

GPU pass-through 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 4
Slot 1: PCIe Gen 4 x16
Slot 2: PCIe Gen 4 x16
Slot 3: PCIe Gen 4 x8
Slot 4: PCIe Gen 4 x16

USB 3.2 Gen 1 port 3

Form Factor	Tower
LED Indicators	Power/Status, LAN, USB, SSD1-12
LCD Display/ Button	Yes
Buttons	Power, Reset, USB Auto Copy
Dimensions (HxWxD)	157.2 × 368 × 362 mm
Weight (Net)	8.99 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	750W, 100-240V
Power Consumption: Operating Mode, Typical	134.41 W
Fan	2 x 92mm, 12VDC
System Warning	Buzzer
Kensington Security Slot	Yes
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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