



## TS-h1290FX-7302P-128G

**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** 128 GB RDIMM DDR4 ECC (8 x 16 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 hard disk drives  
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 (also support 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)	150 × 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
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.

\* Sound Level Test

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

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Designs and specifications are subject to change without notice.