QNAP

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.

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.