QNAP

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 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 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 Only the 2.5GbE port
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 Card dimensions for PCIe slot 1 ~ Slot 2 : 185 x 111.15 x 18.76 mm / 7.28 x 4.38 x 0.74 inches. Card dimensions for PCIe slot 3 ~ Slot 4 : 280 x 111.15 x 18.76 mm / 11.02 x 4.38 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	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 Dimensions do not include foot pad (foot pad may be up to 30mm / 1.18 inches high depending on model)
Weight (Net)	10.4 kg
Weight (Gross)	11.3 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
Standard Warranty	5
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 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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