QNAP

TS-h2490FU-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	4 TB (16 x 256 GB)
Memory Slot	16 x RDIMM DDR4
Flash Memory	5GB (Dual boot OS protection)
Drive Bay	24 x 2.5-inch U.2 PCIe NVMe The system is shipped without SSD. For the SSD compatibility list, please visit https://www.qnap.com/compatibility/
Drive Compatibility	2.5-inch U.2 NVMe Gen 3 x4 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	4 x 25GbE SFP28 SmartNIC port
Wake on LAN (WOL)	Yes Only the 2.5GbE port
Jumbo Frame	Yes

PCIe Slot	5 Slot 1: PCIe Gen4 x4 Slot 2: PCIe Gen4 x8 or x4 Slot 3: PCIe Gen4 x4 Slot 4: PCIe Gen4 x8 Slot 5: PCIe Gen4 x16 or x8 *Slot 4 and Slot 5 are preinstalled with 25GbE network adapters. Please reserve these slots for the 25GbE adapters for the best performance. **Slot 2 provides the width of PCIe Gen4 x8 when Slot 3 is not in use, and provides the width of PCIe Gen4 x4 when Slot 3 is in use. ***Slot 5 provides the width of PCIe Gen4 x16 when Slot 4 is not in use, and provides the width of PCIe Gen4 x8 when Slot 4 is in use. Card dimensions for PCIe slot 1 : 225 x 68.9 x 28.76 mm / 8.86 x 2.71 x 1.13 inches. Card dimensions for PCIe slot 2 : 225 x 68.9 x 18.76 mm / 8.86 x 2.71 x 0.74 inches. Card dimensions for PCIe slot 3 : 225 x 68.9 x 18.76 mm / 8.86 x 2.71 x 0.74 inches. Card dimensions for PCIe slot 4 : 225 x 68.9 x 39.08 mm / 8.86 x 2.71 x 1.54 inches. Card dimensions for PCIe slot 5 : 225 x 68.9 x 18.76 mm / 8.86 x 2.71 x 0.74 inches. Wider cards can be installed if the next PCIe slot will not be used.
USB 3.2 Gen 1 port	2
Form Factor	Rackmount
LED Indicators	HDD, Status, 10 GbE, LAN, storage expansion port status
Buttons	Power, Reset
Dimensions (HxWxD)	88.3 × 480.97 × 510.23 mm
Weight (Net)	16.77 kg
Weight (Gross)	20.95 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	1100W PSU(x2), 100-240Vac, Max Wattage: 1100W@200-240Vac 850W@100-240Vac
Power Consumption: Operating Mode, Typical	277.64 W Tested with drives fully populated.
Fan	4 x 60mm, 12VDC
System Warning	Buzzer
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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