QNAP

TS-h2490FU-7302P-128G

CPU	AMD EPYC™ 7302P 16-core 3.0 GHz 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 Long-DIMM DDR4
Flash Memory	5GB (Dual boot OS protection)
Drive Bay	24 x 2.5-inch U.2 PCIe NVMe
Drive Compatibility	2.5-inch U.2 NVMe Gen 3 x4 solid state drives
Hot-swappable	Yes
SSD Cache Acceleration Support	Yes
2.5 Gigabit Ethernet Port (2.5G/1G/100M)	2 (also support 10M)
25 Gigabit Ethernet Port	4 x 25GbE SFP28 SmartNIC 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
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)	15.2 kg
Weight (Gross)	21.86 kg
Operating temperature	0 - 35°C (32°F - 95°F)
Relative Humidity	5-95% RH non-condensing, wet bulb: 27°C (80.6°F)
Power Supply Unit	1100W PSU(x2), 200-240Vac, Max Wattage: 1100W@200-240Vac 850W@100-240Vac
Power Consumption: Operating Mode, Typical	277.64 W
Fan	4 x 60mm, 12VDC
Sound Level	53.5 db(A)
System Warning	Buzzer

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.

Designs and specifications are subject to change without notice.