



QSN-7530

CPU	AMD Ryzen™ 9 7945 12C 24T 3.7GHz, up to 5.4GHz
CPU Architecture	64-bit x86
Floating Point Unit	Yes
Encryption Engine	Yes (AES-NI)
Hardware-accelerated Transcoding	Yes
System Memory	192 GB ECC DDR5
Maximum Memory	192 GB (4 x 48 GB)
Memory Slot	4 x ECC RDIMM DDR5
Flash Memory	5GB DOM (Disk on Module)
Drive Bay	30 x 2.5-inch SATA
Drive Compatibility	2.5-inch SATA solid state drives
Hot-swappable	Yes
SSD Cache Acceleration Support	Yes
2.5 Gigabit Ethernet Port (2.5G/1G/100M)	2 (2.5G/1G/100M/10M)
10 Gigabit Ethernet Port	2 x 10GBASE-T (10G/5G/2.5G/1G/100M)
Jumbo Frame	Yes
PCIe Slot	3 Slot 1: Gen 4 x 4 Slot 2: Gen 4 x 8 or Gen 4 x 4* Slot 3: Gen 4 x 4
USB 3.2 Gen 2 (10Gbps) Port	2 x Type-A USB 3.2 Gen 2 10Gbps
Form Factor	2U Rackmount
LED Indicators	Power Status, SSD 1-30, Status, LAN, storage expansion port status

Buttons	Power, Reset
Dimensions (HxWxD)	88.3 × 442.6 × 485.2 mm Excludes ear hook and the protruding part of the Power Supply Unit.
Weight (Net)	12.73 kg
Weight (Gross)	18.69 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	550W(x2), 100-240V
Power Consumption: Operating Mode, Typical	380.23 W Tested with drives fully populated.
Fan	System fan: 3 x 60mm, 12VDC
System Warning	Buzzer
Standard Warranty	5
Max. Number of Concurrent Connections (CIFS) - with Max. Memory	5000

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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