

TS-432X-4G

CPU	AnnapurnaLabs, an Amazon company Alpine AL524, 4-core, 2.0GHz
CPU Architecture	64-bit ARM
Floating Point Unit	Yes
Encryption Engine	Yes
System Memory	4 GB SODIMM DDR4 (1 x 4 GB)
Maximum Memory	16 GB (1 x 16 GB)
Memory Slot	1 x SODIMM DDR4 Support ECC memory
Flash Memory	512 MB (Dual boot OS protection)
Drive Bay	4 x 3.5-inch SATA 6Gb/s, 3Gb/s
Drive Compatibility	3.5-inch bays: 3.5-inch SATA hard disk drives 2.5-inch SATA hard disk drives 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)
10 Gigabit Ethernet Port	1 x 10GbE SFP+
Wake on LAN (WOL)	Yes
Jumbo Frame	Yes
PCIe Slot	1 Slot 1: PCIe Gen 3 x4 Card dimensions for PCIe slot：190 x 68.9x 18.76 mm / 7.48 x 2.71 x 0.74 inches.
USB 3.2 Gen 1 port	2
Form Factor	Tower

LED Indicators	Power, Status, LAN, USB, HDD1-4
Buttons	Power, Reset, USB Auto Copy
Dimensions (HxWxD)	226.5 × 170 × 165 mm
Weight (Net)	1.99 kg
Weight (Gross)	4.8 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	90W adapter (12VDC), 100-240VAC
Fan	1 x 120mm, 12VDC
System Warning	Buzzer
Kensington Security Slot	Yes
Standard Warranty	2

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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