

TS-832PX-4G

CPU	AnnapurnaLabs Alpine AL324 ARM® Cortex-A57 4-core 1.7GHz processor
CPU Architecture	64-bit ARM
Encryption Engine	Yes
System Memory	4 GB SODIMM DDR4
Maximum Memory	16 GB (1 x 16 GB)
Memory Slot	1 x SODIMM DDR4
Flash Memory	512 MB (Dual boot OS protection)
Drive Bay	8 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 (Not supported M.2 SSD)
M.2 Slot	Optional via a PCIe adapter
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 10GbE SFP+
Wake on LAN (WOL)	Yes Only the 2.5GbE port
Jumbo Frame	Yes
PCIe Slot	1 Slot 1: PCIe Gen 2 x2 PCIe bandwidth limitations will restrict the NAS 10GbE performance. Card dimensions for PCIe slot：210 x 68.9x 24.76 mm / 8.27 x 2.71 x 0.97 inches.

USB 3.2 Gen 1 port	3
Form Factor	Tower
LED Indicators	System Status, LAN, USB, HDD1~8
Buttons	Power, Reset, USB Copy
Dimensions (HxWxD)	180.2 × 329.3 × 280.8 mm Dimensions do not include foot pad (foot pad may be up to 30mm / 1.18 inches high depending on model)
Weight (Net)	7.05 kg
Weight (Gross)	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	250W, 100-240V AC, 50/60Hz, 3.5A
Power Consumption: Disk Standby Mode	27.949 W
Power Consumption: Operating Mode, Typical	50.858 W Tested with drives fully populated.
Fan	System fan: 2 x 120mm, 12VDC CPU fan: 1 x 60mm
System Warning	Voice prompts or Buzzer
Kensington Security Slot	Yes
Standard Warranty	2 years
Max. Number of Concurrent Connections (CIFS) - with Max. Memory	700

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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