



TS-832PX-4G

CPU	AnnapurnaLabs Alpine AL324 ARM® Cortex-A57 quad-core 1.7GHz processor
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 SO-DIMM 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
M.2 SSD Slot	Optional via a PCIe adapter
SSD Cache Acceleration Support	Yes
2.5 Gigabit Ethernet Port (2.5G/1G/100M)	2 (also support 10M)
10 Gigabit Ethernet Port	2 x 10GbE SFP+
Wake on LAN (WOL)	Yes
Jumbo Frame	Yes
PCIe Slot	1 Slot 1: PCIe Gen 2 x2
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)	188.2 × 329.3 × 280.8 mm
Weight (Net)	6.38 kg
Weight (Gross)	8.61 kg
Operating temperature	0 - 40 °C (32°F - 104°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: HDD Sleep Mode	27.949 W
Power Consumption: Operating Mode, Typical	50.858 W
Fan	System fan: 2 x 120mm, 12VDC CPU fan: 1 x 60mm
Sound Level	19.6 db(A)
System Warning	Voice prompts or Buzzer
Kensington Security Slot	Yes
Max. Number of Concurrent Connections (CIFS)	1500

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.