TS-231P2-4G

CPU	AnnapurnaLabs Alpine AL-314 32-bit ARM® Cortex-A15 quad-core 1.7GHz processor
CPU Architecture	32-bit ARM
Floating Point Unit	Yes
Encryption Engine	Yes
System Memory	4 GB SODIMM DDR3 RAM
Maximum Memory	8 GB (1 x 8GB)
Memory Slot	1 x SO-DIMM DDR3L/DDR3
Flash Memory	512 MB (Dual boot OS protection)
Drive Bay	2 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
Gigabit Ethernet Port (RJ45)	2
Jumbo Frame	Yes
USB 3.0 port	3
Form Factor	Tower
LED Indicators	Power, Status, LAN, USB, HDD1-2
Buttons	Power, Reset, USB Auto Copy
Dimensions (HxWxD)	169 × 102 × 219 mm
Weight (Net)	1.28 kg
Weight (Gross)	2.32 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	External Power Adapter, 65W, 100-240V
Power Consumption: HDD Sleep Mode	8.81 W

Power Consumption: Operating Mode, Typical	23.66 W
Fan	1 x 70mm, 12VDC
Sound Level	19.2 db(A)
System Warning	Buzzer
Kensington Security Slot	Yes

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.