



TS-231P3-4G (Legacy)

CPU	AnnapurnaLabs, an Amazon company Alpine AL314, 4-core, 1.7GHz 4
CPU Architecture	32-bit ARM
Floating Point Unit	Yes
Encryption Engine	Yes
System Memory	4GB SODIMM DDR3
Maximum Memory	8GB DDR3
Memory Slot	1 x SODIMM 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)	1
2.5 Gigabit Ethernet Port (2.5G/1G/100M)	1(2.5G/1G/100M)
Wake on LAN (WOL)	Yes Only the 1GbE port
Jumbo Frame	Yes
USB 3.2 Gen 1 port	3
Form Factor	Tower

LED Indicators	Power, Status, LAN, USB, HDD1-2
Buttons	Power, Reset, USB Auto Copy
Dimensions (HxWxD)	165 × 102 × 220.6 mm
Weight (Net)	1.46 kg
Weight (Gross)	2.46 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	60W/65W adapter (12VDC), 100-240VAC
Power Consumption: Disk Standby Mode	8.46
Power Consumption: Operating Mode, Typical	15.6 W Tested with drives fully populated.
Fan	1 x70mm, 12VDC
System Warning	Buzzer
Kensington Security Slot	Yes
Standard Warranty	2
Max. Number of Concurrent Connections (CIFS) - with Max. Memory	400

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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