



TS-431KX-2G

CPU	AnnapurnaLabs, an Amazon company Alpine AL214, 4-core, 1.7GHz
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CPU Architecture	32-bit ARM
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Floating Point Unit	Yes
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Encryption Engine	Yes
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System Memory	2 GB SODIMM DDR3 (1 x 2 GB)
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Maximum Memory	8 GB (1 x 8 GB)
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Memory Slot	1 x SODIMM DDR3
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Flash Memory	512 MB (Dual boot OS protection)
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Drive Bay	4x 3.5-inch SATA 6Gb/s, 3Gb/s
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Drive Compatibility	3.5-inch bays: 3.5-inch SATA hard disk drives 2.5-inch SATA solid state drives
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Hot-swappable	Yes
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SSD Cache Acceleration Support	Yes
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Gigabit Ethernet Port (RJ45)	2
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10 Gigabit Ethernet Port	1 x 10GbE SFP+
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Wake on LAN (WOL)	Yes Only the 1GbE port
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Jumbo Frame	Yes
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USB 3.2 Gen 1 port	3
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Form Factor	Tower
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LED Indicators	Power, Status, LAN, USB, HDD1-4
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Buttons	Power, Reset, USB Auto Copy
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Dimensions (HxWxD)	165 × 160.2 × 220.5 mm
	Dimensions do not include foot pad (foot pad may be up to 30mm / 1.18 inches high depending on model)
Weight (Net)	3.47 kg
Weight (Gross)	3.47 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
Power Consumption: HDD Sleep Mode	11.65 W
Power Consumption: Operating Mode, Typical	26.7 W Tested with drives fully populated.
Fan	1 x 120mm, 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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