

TS-431XeU-2G

CPU	AnnapurnaLabs Alpine AL314 32-bit ARM® Cortex-A15 4-core 1.7GHz processor
CPU Architecture	32-bit ARM
Floating Point Unit	Yes
Encryption Engine	Yes
System Memory	2 GB SODIMM DDR3 (1 x 2 GB)
Maximum Memory	8 GB (1 x 8 GB)
Memory Slot	1 x SODIMM DDR3
Flash Memory	512MB (Dual boot OS protection)
Drive Bay	4 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
10 Gigabit Ethernet Port	1 x 10GbE SFP+
Wake on LAN (WOL)	Yes
Jumbo Frame	Yes
USB 3.2 Gen 1 port	4
Form Factor	1U Short Depth Rackmount
LED Indicators	HDD 1-4, Status, USB, LAN1-3
Buttons	Power, Reset
Dimensions (HxWxD)	44 × 439 × 291 mm

Weight (Net)	4.15 kg
Weight (Gross)	5.78 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	Open-frame 100W, Input: 100V-240V ~ / 3.5A, 50Hz-60Hz
Power Consumption: HDD Sleep Mode	12.42 W
Power Consumption: Operating Mode, Typical	30.99 W
Fan	System fan: 3 x 40mm, 12VDC
System Warning	Buzzer
Kensington Security Slot	Yes
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.
Warning: Using unsupported modules may degrade performance, cause errors, or prevent the operating system from starting.
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