

TS-228A

CPU	Realtek RTD1295 quad-core 1.4GHz processor
CPU Architecture	64-bit ARM
Floating Point Unit	Yes
Encryption Engine	Yes
System Memory	1 GB DDR4, not expandable
Maximum Memory	1 GB DDR4, not expandable
Flash Memory	4 GB (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
Gigabit Ethernet Port (RJ45)	1
Jumbo Frame	Yes
USB 2.0 port	2
USB 3.0 port	1
Form Factor	Tower
LED Indicators	System Status, LAN, USB, HDD1~2
Buttons	Power, Reset, USB Copy
Dimensions (HxWxD)	187.7 × 90 × 125 mm
Weight (Net)	0.69 kg
Weight (Gross)	1.54 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, 65 W, AC 100 to 240 V
Power Consumption: HDD Sleep Mode	5.3 W
Power Consumption: Operating Mode, Typical	12.09 W
Fan	1 x 7612 cooling blower for system
Sound Level	17.8 db(A)
System Warning	Buzzer

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.