

TS-328	
CPU	Realtek RTD 1296 ARM® Cortex-A53 quad-core 1.4 GHz processor Note: The TS-328 reserves some RAM for use as shared graphics memory.
CPU Architecture	64-bit ARM
Floating Point Unit	Yes
Encryption Engine	Yes
Hardware-accelerated Transcoding	Yes , up to 1080P
System Memory	2 GB DDR4 RAM, not expandable
Maximum Memory	2 GB DDR4 RAM, not expandable
Flash Memory	4 GB (Dual boot OS protection)
Drive Bay	3 x 3.5-inch bundled one 2.5" tray base for installing 2.5" HDD/SSD; additional purchase can be made from QNAP shop
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
Gigabit Ethernet Port (RJ45)	2 Note: You can set the MTU of LAN 1 up to 1500 while the MTU of LAN 2 can be set up to 9000.
Jumbo Frame	Yes
USB 2.0 port	1
USB 3.0 port	2
Audio Output	1 x Built-in speaker, 1 x 3.5mm line out jack You cannot use the speakers and the line-out jack simultaneously.
Form Factor	Tower
LED Indicators	System Status, LAN, USB, HDD1~3
Buttons	Power, Reset, USB Copy
Dimensions (HxWxD)	142 × 150 × 260.1 mm
Weight (Net)	1.64 kg
Weight (Gross)	2.69 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	7.24 W
Power Consumption: Operating Mode, Typical	18.35 W With drives fully populated
Fan	1 x 9 cm smart Fan (12V DC)
Sound Level	16.5 db(A)
Other Interfaces	Kensington security slot
System Warning	Voice prompts or 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.