



TS-233

CPU	ARM 4-core Cortex-A55 2.0GHz processor
CPU Architecture	64-bit ARM
Floating Point Unit	Yes
Encryption Engine	Yes
System Memory	2 GB, not expandable
Maximum Memory	2 GB, 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 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)	1
5 Gigabit Ethernet Port (5G/2.5G/1G/100M)	Optional via the QNA-UC5G1T USB to 5GbE network adapter
Wake on LAN (WOL)	Yes
Jumbo Frame	Yes
USB 2.0 port	2
USB 3.2 Gen 1 port	1
Form Factor	Tower
LED Indicators	System Status, LAN, USB, HDD1~2
Buttons	Power, Reset, USB Copy
Dimensions (HxWxD)	188.64 × 90.18 × 156.26 mm
Weight (Net)	1.11 kg
Weight (Gross)	1.95 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	65W Adapter, AC 100-240V
Power Consumption: HDD Sleep Mode	3.43 W
Power Consumption: Operating Mode, Typical	10.81 W
Fan	1 x 80mm, 12VDC
System Warning	Buzzer
Max. Number of Concurrent Connections (CIFS) - with Max. Memory	200

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.

Product images are for illustrative purposes only and may differ from the actual product. Due to differences in monitors, colors of products may also appear different to those shown on the site.

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