

TS-332X-2G	
CPU	AnnapurnaLabs, an Amazon company Alpine AL-324 Quad-core 1.7GHz ARM® Cortex-A57 Processor, 64-bit
Encryption Acceleration	Yes
System Memory	2 GB DDR4 2400 (1 x 2 GB)
Maximum Memory	16 GB (1 x 16 GB)
Memory Slot	1 x SODIMM slot
Flash Memory	512 MB NAND Flash
Drive Bay	Hot-swappable 3 x 3.5"/2.5" SATA 6Gb/s HDD/SSDs (2.5" tray base for installing 2.5" HDD/SSD can be purchased from QNAP Online Shop)
M.2 SSD Slot	3 x M.2 2280 SATA 6 Gbps SSD Note: 1. The M.2 SSD is not included as standard. 2. M.2 SSD operations can easily generate excessive heat. It is recommended to install a heatsink (from QNAP or a third-party provider) on the M.2 SSD.
10 Gigabit Ethernet Port	1 x 10GbE SFP+
Gigabit Ethernet Port	2 x Gigabit RJ45
USB Port	USB 3.0 (Front: 1; Rear: 2)
Audio	1 x Built-in speaker 1 x 3.5mm line out jack Note: You cannot use the speakers and the line-out jack simultaneously.
LED Indicators	Status/Power, LAN, USB, HDD 1-3, M.2 SSD 1-3
Buttons	Power, Reset, USB One-touch-copy
System Warning	Buzzer or Smart voice prompt
Form Factor	Tower
Dimensions (H x W x D)	142 x 150 x 260.1 mm 5.59 x 5.9 x 10.24 inch
Power Consumption (W)	HDD standby: 18.56 W In operation: 26.22 W (with 3 x HDDs and 3 x M.2 SSDs) HDD:WD10EFRX M.2 SSD: RBU-SNS8152S3256GG2 256G
Sound Level	Sound pressure (LpAm): 20.4 dB(A)

Weight	Net weight: 1.64 kg (3.62 lbs) Gross Weight: 2.69 kg (5.93 lbs)
Operating Temperature & Relative Humidity	0 ~ 40°C (32°F ~ 104°F) 5~95% RH non-condensing, wet bulb: 27°C (80.6°F)
Security Slot	Kensington security slot
Fan	1 x 14cm smart fan (12V DC)
Power Supply Unit	90W AC external adapter, 100-240V

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.