

| TS-332X-4G | |
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| CPU | AnnapurnaLabs, an Amazon company Alpine AL-324 Quad-core 1.7GHz ARM® Cortex-A57 Processor, 64-bit |
| Encryption Acceleration | Yes |
| System Memory | 4 GB DDR4 2400 (1 x 4 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 (bundled one 2.5" tray base for installing 2.5" HDD/SSD; additional purchase can be made 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 | 20.4 dB(A) |

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| 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.