

| TS-832XU-4G                         |  |
|-------------------------------------|--|
| CPU                                 | AnnapurnaLabs Alpine AL-324 ARM® Cortex-A57 quad-core 1.7GHz processor   |
| CPU Architecture                    | 64-bit ARM   |
| Floating Point Unit                 | Yes  |
| Encryption Engine                   | Yes  |
| System Memory                       | 4 GB UDIMM DDR4 (1 x 4 GB)   |
| Maximum Memory                      | 16 GB (1 x 16 GB)  |
| Memory Slot                         | 1 x Long-DIMM DDR4   |
| Flash Memory                        | 512 MB (Dual boot OS protection)   |
| Drive Bay                           | 8 x 3.5-inch SATA 6Gb/s, 3Gb/s   |
| Drive Compatibility                 | 3.5-inch bays:<br>3.5-inch SATA hard disk drives<br>2.5-inch SATA hard disk drives<br>2.5-inch SATA solid state drives |
| Hot-swappable                       | Yes  |
| M.2 SSD Slot                        | Optional via a PCIe adapter  |
| SSD Cache Acceleration Support      | Yes  |
| Gigabit Ethernet Port (RJ45)        | 2  |
| 10 Gigabit/ 5 Gigabit Ethernet Port | 2 x 10GbE SFP+   |
| Jumbo Frame                         | Yes  |
| PCIe Slot                           | 1<br>Slot 1: PCIe Gen 2 x2   |
| USB 3.0 port                        | 4  |
| Form Factor                         | 2U Rackmount   |
| LED Indicators                      | HDD 1-8, Status, LAN, Storage expansion  |
| Buttons                             | Power, Reset   |
| Dimensions (HxWxD)                  | 89 × 482 × 534 mm  |
| Weight (Net)                        | 9.45 kg  |
| Weight (Gross)                      | 15.19 kg   |
| Operating temperature               | 0 - 40 °C (32°F - 104°F)   |

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| Relative Humidity                          | 5~95% RH non-condensing, wet bulb: 27°C (80.6°F) |
| Power Supply Unit                          | 250W PSU, 100 - 240V                             |
| Power Consumption: HDD Sleep Mode          | 26.53 W  |
| Power Consumption: Operating Mode, Typical | 52.56 W  |
| Fan  | 2 x 70 mm, 12V DC                                |
| Sound Level                                | 23.4 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.