



## TS-873AeU-RP-4G

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| CPU                                       | AMD Ryzen™ Embedded V1500B 4-core/8-thread 2.2 GHz processor   |
| CPU Architecture                          | 64-bit x86   |
| Floating Point Unit                       | Yes  |
| Encryption Engine                         | Yes (AES-NI)   |
| Hardware-accelerated Transcoding          | Optional via a PCIe graphics card  |
| System Memory                             | 4 GB SODIMM DDR4 (1 x 4 GB)  |
| Maximum Memory                            | 64 GB (2 x 32 GB)  |
| Memory Slot                               | 2 x SODIMM DDR4<br>Support ECC memory<br><br>For dual-DIMM configuration, you must use a pair of identical DDR4 modules.   |
| Flash Memory                              | 5GB (Dual boot OS protection)  |
| Drive Bay                                 | 8 x 3.5-inch SATA 6Gb/s, 3Gb/s<br><br>The system is shipped without HDD.<br>For the HDD compatibility list, please visit <a href="https://www.qnap.com/compatibility/">https://www.qnap.com/compatibility/</a> |
| Drive Compatibility                       | 3.5-inch SATA hard disk drives<br>2.5-inch SATA solid state drives   |
| Hot-swappable                             | Yes  |
| M.2 Slot                                  | 2 x M2 2280 (PCIe Gen3 x 1)<br><br>Compatible with NVMe SSD PCIe Gen 3 and above. Please refer to <a href="https://www.qnap.com/compatibility/">https://www.qnap.com/compatibility/</a> for compatibility.     |
| SSD Cache Acceleration Support            | Yes  |
| 2.5 Gigabit Ethernet Port (2.5G/1G/100M)  | 2 (2.5G/1G/100M/10M)   |
| 5 Gigabit Ethernet Port (5G/2.5G/1G/100M) | Optional via a network adapter   |

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| 10 Gigabit Ethernet Port  | Optional via a network adapter  |
| Wake on LAN (WOL)   | Yes<br>Only the 2.5GbE port   |
| Jumbo Frame   | Yes   |
| PCIe Slot   | 1 x PCIe Gen3 x8<br>Card dimensions for PCIe slot : 210 x 68.9x 18.76 mm / 8.27 x 2.71 x 0.74 inches. |
| USB 3.2 Gen 2 (10Gbps) Port                                     | 4 (2 x Type A, 2 x Type C)  |
| HDMI™ Output  | Optional via a PCIe graphics card   |
| Form Factor   | 2U Short Depth Rackmount  |
| LED Indicators  | HDD 1-8, Status, LAN, USB, Power  |
| Buttons   | Power, Reset  |
| Dimensions (HxWxD)  | 88.6 × 432 × 297.4 mm<br>Excludes ear hook and the protruding part of the Power Supply Unit.          |
| Weight (Net)  | 9.2 kg  |
| Weight (Gross)  | 10.7 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   | 300W PSU(x2), 100 - 240V  |
| Power Consumption: HDD Sleep Mode                               | 32.19 W   |
| Power Consumption: Operating Mode, Typical                      | 58.14 W<br>Tested fully populated with WD10EFRX hard drives.  |
| Fan   | 3 x 60mm, 12VDC   |
| System Warning  | Buzzer  |
| Standard Warranty   | 3   |
| Max. Number of Concurrent Connections (CIFS) - with Max. Memory | 2000  |

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 and refer to the hardware user manual to install compatible QNAP memory modules.

Warning: Using unsupported modules may degrade performance, cause errors, or prevent the operating system from starting. QNAP reserves the right to replace partial parts or accessories if the original is no longer available from its manufacturer/supplier.

Any replacement would be fully tested and verified to meet strict compatibility and stability guidelines and will deliver identical performance to the original.

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