



## TS-1273U-RP-16G (Legacy)

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|--------------------------------|---|
| CPU                            | AMD R-Series RX-421ND 4-core 2.1 GHz processor (Turbo Core to 3.4 GHz)  |
| CPU Architecture               | 64-bit x86  |
| Floating Point Unit            | Yes   |
| Encryption Engine              | Yes (AES-NI)  |
| System Memory                  | 16 GB UDIMM DDR4 (2 x 8 GB)   |
| Maximum Memory                 | 64 GB (4 x 16 GB)   |
| Memory Slot                    | 4 x U-DIMM DDR4<br><br>For dual- or quad-DIMM configurations, you must use a pair of identical DDR4 modules.  |
| Flash Memory                   | 512 MB (Dual boot OS protection)  |
| Drive Bay                      | 12 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 hard disk drives<br>2.5-inch SATA solid state drives  |
| Hot-swappable                  | Yes   |
| M.2 Slot                       | 2 x M.2 2280 SATA 6Gb/s slots<br><br>The M.2 SSD is not included as standard.<br>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. |
| SSD Cache Acceleration Support | Yes   |
| Gigabit Ethernet Port (RJ45)   | 4<br><br>Expandable with an optional PCIe adapter   |
| 10 Gigabit Ethernet Port       | 2 x 10GbE SFP+<br><br>Pre-installed with a 10GbE PCIe adapter   |

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| Wake on LAN (WOL)  | Yes   |
| Jumbo Frame  | Yes   |
| PCIe Slot  | 1<br>Slot 1: PCIe Gen 3 x4<br><br>Pre-installed with a 10GbE PCIe adapter |
| USB 2.0 port   | 4   |
| USB 3.2 Gen 1 port   | 2   |
| USB 3.2 Gen 2 (10Gbps) Port  | Optional via a PCIe adapter   |
| Form Factor  | 2U Rackmount  |
| LED Indicators   | HDD 1-12, Status, LAN, USB, Power   |
| Buttons  | Power, Reset  |
| Dimensions (HxWxD)   | 89 × 482 × 534 mm   |
| Weight (Net)   | 11.98 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 (x2), 100-240V AC, 50-60Hz, 5-2.5A                                   |
| Power Consumption:<br>HDD Sleep Mode                                     | 55.16 W   |
| Power Consumption:<br>Operating Mode, Typical                            | 136.57 W<br><br>Tested fully populated with WD10EFRX hard drives.         |
| Fan  | 2 x 70mm, 12VDC   |
| Other Interfaces   | 1 x 3.5mm console port  |
| System Warning   | Buzzer  |
| Standard Warranty  | 3   |
| Max. Number of<br>Concurrent Connections<br>(CIFS) - with Max.<br>Memory | 1200  |

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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