



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

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  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  The system is shipped without HDD. 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 2.5-inch SATA hard disk drives 2.5-inch SATA solid state drives
Hot-swappable	Yes
M.2 Slot	2 x M.2 2280 SATA 6Gb/s slots  The M.2 SSD is not included as standard. 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  Expandable with an optional PCIe adapter
10 Gigabit Ethernet Port	2 x 10GbE SFP+  Pre-installed with a 10GbE PCIe adapter

Wake on LAN (WOL)	Yes
Jumbo Frame	Yes
PCIe Slot	1 Slot 1: PCIe Gen 3 x4  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)	3.5 × 18.98 × 21.02 inch
Weight (Net)	26.41 lbs
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: HDD Sleep Mode	55.16 W
Power Consumption: Operating Mode, Typical	136.57 W  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 Concurrent Connections (CIFS) - with Max. 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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