QNAP

TS-1273U-RP-64G (By Request)

CPU	AMD R-Series RX-421ND quad-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	64 GB UDIMM DDR4 (4 x 16 GB)
Maximum Memory	64 GB (4 x 16 GB)
Memory Slot	4 x UDIMM 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 2.5-inch or 3.5-inch The system is shipped without HDD. For the HDD compatibility list, please visit https://www.qnap.com/compatibility/
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 SSD 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
Jumbo Frame	Yes
PCIe Slot	1 x PCIe Gen3 (x4) Pre-installed with a 10GbE PCIe adapter
USB 2.0 port	4

USB 3.0 port	2
USB 3.1 Gen 2 (10Gbps) Port	Optional via a PCIe adapter
Form Factor	2U Rack Mount
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)
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 With WD10EFRX drives fully populated
Fan	2 x 70mm, 12V DC
Sound Level	37.4 db(A)
Other Interfaces	1 x 3.5mm console port

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.