



TL-R1600PES-RP

Drive Bay	16 x 3.5-inch SATA 6Gb/s The system is shipped without HDD. For the HDD compatibility list, please visit https://www.qnap.com/compatibility/
Drive Compatibility	3.5-inch bays: 3.5-inch SATA hard disk drives 2.5-inch SATA solid state drives
Hot-swappable	Yes
Form Factor	3U Short Depth Rackmount
Host Interface	PCIe Gen3 x8, 1 x IN (dual SFF-8644), 1 x OUT (dual SFF-8644)
LED Indicators	Front panel: HDD 1-16, Power, Status, Link, Fan error Rear panel: SAS connector, Enclosure ID
Buttons	Power
Dimensions (HxWxD)	131.3 × 432.4 × 370.85 mm
Weight (Net)	11.56 kg
Weight (Gross)	16.67 kg
Max. number of HDDs/SSDs supported	16
Hard Drive Type	3.5" or 2.5" SATA 6Gb/s and 3Gb/s drives
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	550W(x2), 100-240V
Fan	3 x 80mm, 12VDC
System Warning	Buzzer

Management

Managed via QNAP QTS / QuTS hero OS

1. Supports disk S.M.A.R.T. information
2. RAID expansion enclosure identifier
3. Locate RAID expansion enclosures
4. Locate hard disks on RAID expansion enclosure
5. Smart fan control by detecting system and hard drive temperature
6. Support Host-Based Power Management

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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