



TL-R1220Sep-RP

Drive Bay	12 x 3.5-inch SAS 12Gb/s, SAS/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 SAS/SATA hard disk drives 2.5-inch SAS/SATA hard disk drives 2.5-inch SAS/SATA solid state drives
Hot-swappable	Yes
Form Factor	2U Short Depth Rackmount
Host Interface	4 x 12Gb/s SAS 3.0 wide ports (4-wide port) Mini-SAS HD (SFF-8644)
LED Indicators	Front panel: HDD 1-12, Power, Status, Link, Fan error Rear panel: SAS connector, Enclosure ID
Buttons	Power
Dimensions (HxWxD)	88.65 × 482.2 × 423.8 mm
	Excludes ear hook and the protruding part of the Power Supply Unit.
Weight (Net)	9.19 kg
Weight (Gross)	14.03 kg
Max. number of HDDs/SSDs supported	12
Hard Drive Type	3.5" or 2.5" SAS 12Gb/s, SAS/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	300W (x2), 100 - 240V
Power Consumption: Operating Mode, Typical	163.38 W
	Tested with drives fully populated.

Fan	2 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. In-band SAS firmware update

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. 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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