



TL-R1220Sep-RP

Drive Bay	12 x 3.5-inch SAS 12Gb/s, SAS/SATA 6Gb/s
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 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
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
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.

* Sound Level Test

Environment: Refer to ISO 7779; Maximum HDD loaded; Bystander Position; Average data from 1 meter in front of operating NAS.

Product images are for illustrative purposes only and may differ from the actual product. Due to differences in monitors, colors of products may also appear different to those shown on the site.

Designs and specifications are subject to change without notice.