

## TL-R1220Sep-RP

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|---|---|
| Drive Bay | 12 x 3.5-inch SAS 12Gb/s, SAS/SATA 6Gb/s |
| Drive Compatibility | 3.5-inch bays:<br>3.5-inch SAS/SATA hard disk drives<br>2.5-inch SAS/SATA hard disk drives<br>2.5-inch SAS/SATA solid state drives |
| Hot-swappable | Yes |
| Form Factor | 2U Rackmount |
| Host Interface | 4 x Mini-SAS HD (SFF-8644) |
| LED Indicators | Front panel: HDD 1-12, Power, Status, Link, Fan error<br>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) |
| 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 |
| Sound Level | 33.9 db(A) |
| System Warning | Buzzer |

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| Management | Managed via QNAP QTS / QuTS hero OS<br>1. Supports disk S.M.A.R.T. information<br>2. RAID expansion enclosure identifier<br>3. Locate RAID expansion enclosures<br>4. Locate hard disks on RAID expansion enclosure<br>5. Smart fan control by detecting system and hard drive temperature<br>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.

Designs and specifications are subject to change without notice.