



TL-R1620Sdc

JBOD Connection Interface	SAS
Drive Bay	16 x 3.5-inch
Drive Compatibility	<p>The system is shipped without HDD. For the HDD compatibility list, please visit https://www.qnap.com/compatibility/</p> <p>3.5-inch bays: 3.5-inch SAS 12Gb/s, 6Gb/s hard disk drives 2.5-inch SAS 12Gb/s, 6Gb/s hard disk drives 2.5-inch SAS 12Gb/s, 6Gb/s solid state drives</p> <p>You can only use one disk type (HDD or SSD) in a RAID group. Combining different types of disk in one RAID group is not supported.</p>
Hot-swappable	Yes
Form Factor	3U Rackmount
Host Interface	3 x 12Gb/s SAS 3.0 wide ports (4-wide port) Mini-SAS HD (SFF-8644) for each controller
LED Indicators	HDD 1-16, Status, Power, Fan, Temperature, SAS connector status
Buttons	Power, OLED
Dimensions (HxWxD)	131.3 × 482.2 × 425.3 mm
Weight (Net)	13.92 kg
Weight (Gross)	17.84 kg
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
Power Consumption: Operating Mode, Typical	212.24 W
	Tested with drives fully populated.

Fan	3 x 80mm, 12VDC
System Warning	Buzzer
QES	Yes
Windows	Yes
Supports JBOD cascading	Yes
Supports expanding NAS storage pools	Yes
Supports Multi-path	Yes
Dual-controller design (HA)	Yes
Standard Warranty	5
Management	Managed via NAS QES OS and JBOD Manager for Windows

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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