QNAP TL-R1620Sdc HDD/SSD enclosure Black 2.5/3.5"

Gamintojas: **QNAP** · Modelis: **TL-R1620SDC** · EAN: **4713213519240** · Prekės kodas: **934957**

2 336,90 €

Kaina su PVM

Be PVM: **1 931,32 €**

Sandėlyje

Prekė internetu
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Pagrindinės savybės

- ✓ Flexibly and economically expand the storage space of a dual-controller QNAP NAS for petabyte-level storage capacity
- ✓ Dual path mini-SAS design with a redundant power supply for enhanced system reliability
- ✓ QNAP dual-controller NAS can detect JBOD connections, and enter missing mode protection to prevent data corruption
- ✓ DataBolt™ bandwidth optimization combines two 6Gb/s connections into one 12Gb/s data stream to achieve faster speed with existing 6Gb/s infrastructure
- ✓ Manage the storage space and settings of the connected TL-R1620Sdc with Storage Manager on the host NAS
- ✓ The space-efficient short depth design makes it easy to install in small media cabinets or places with a lot of cabling. (Rail kit RAIL-B02 requires optional purchase.)

Pateikta prekės informacija yra orientacinio pobūdžio. Techninės savybės, nuotraukos, aprašymai ir kaina gali keistis be išankstinio perspėjimo. Gamintojas ir pardavėjas neatsako už galimus duomenų neatitikimus ar tipografines klaidas. Prieš įsigyjant rekomenduojame pasitikrinti aktualią informaciją.

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Aprašymas

Featuring dual controllers, an OLED indicator, and a short-depth rackmount design, the 3U 16-bay TL-R1620Sdc SAS 12Gb/s storage expansion enclosure is ideal for expanding the storage capacity of dual-controller QNAP NAS. Both controllers have three Mini-SAS HD (SFF-8644) ports, supporting 12Gbps SAS and Broadcom® SAS DataBolt™ bandwidth optimization technology. The dual path mini-SAS design sustains continuous operations even if an external JBOD cable is disconnected. Up to 7 TL-R1620Sdc units can be daisy-chained via high-speed Mini-SAS HD cables, providing scalability and high reliability for mission-critical storage of file servers, virtualization, surveillance, medium-sized data center, multimedia, and more.

Failure-resistant with a dual-controller, dual-path design

Connect the TL-R1620Sdc to a dual-controller QNAP NAS and create a redundant cross loop configuration that provides expansion units with redundant paths to the base NAS and protection between JBOD connections. If one or more paths to the TL-R1620Sdc disconnect, other expansion units can still communicate with the base NAS. This is essential for intermachine data protection and capacity scalability for uninterrupted mission-critical enterprise tasks.

Connect up to 7 expansion units for petabyte-level storage capacity

The base NAS requires QES 2.1.1 (or later) and either Mini-SAS HD (SAS 12Gb/s SFF-8644), Mini-SAS (SAS 6Gb/s SFF-8088) ports or a PCIe-based SAS expansion card.

Highly efficient, reliable and scalable

The TL-R1620Sdc is powered by a low-power 28nm SAS35x28R SAS Expander and supports 12/6 Gb/s SAS/SATA drives. Both controllers have three Mini-SAS HD (SFF-8644) ports, and each SAS wide port combines four SAS 12Gb/s channels for up to 48Gbps bandwidth.

Supports SAS DataBolt technology, delivers 12Gb/s speed using existing 6Gb/s infrastructure
Featuring Broadcom® SAS DataBolt™ bandwidth optimization technology, the TL-R1620Sdc has an intelligent data buffer for transferring data to drives at speeds that match the performance of the host NAS. Whether the TL-R1620Sdc uses 12Gb/s or 6Gb/s drives, the NAS host will transfer data to the TL-R1620Sdc at 12Gb/s, allowing you benefit from high-speed 12Gb/s SAS transmission with existing 6Gb/s infrastructure.

Storage Management

Simply connect a TL-R1620Sdc to a dual-controller QNAP NAS and power it on. The NAS will detect the drives in the TL-R1620Sdc as newly-installed local drives. By using the Storage Manager app on the host NAS, you can configure and manage the TL-R1620Sdc’s storage space by setting RAID groups, storage pools and snapshots. The TL-R1620Sdc can also be configured as the storage volume of the host NAS, allowing you to easily expand NAS storage to accommodate massive data or backup files.

Leverage the 6Gbps SAS to SATA drive adapter to install 2.5-inch SATA SSDs

While SATA 6Gb/s SSDs provide high-performance yet affordable storage, the lack of dual-port support makes them unsuitable for dual-controller environments. The QDA-SA2 adapter allows the use of a SATA 6Gb/s drive in a 3.5-inch SAS drive bay - providing the ability to expand storage capacity by using cost-effective SATA drives. By installing a SATA drive with the QDA-SA2 into the dual-controller TL-R1620Sdc, the SATA drive can share these SAS dual-port advantages to ensure a high-availability, fault-tolerant enterprise storage environment.

Techninė specifikacija

Storage	
Storage drive size	2.5/3.5"
Supported storage drive interfaces	SAS-2, SAS-3

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Number of storage drives supported	16
RAID levels	JBOD
Hot-swap	Yes
Ports & interfaces	
USB connectivity	No
Design	
Product type	HDD/SSD enclosure
Product colour	Black
LED indicators	Yes
On/off switch	Yes
Rack mounting	Yes
Rack capacity	3U
Number of fans	3 fan(s)
Fan diameter	8 cm
Performance	
Data transfer rate	12 Gbit/s
Power	
Power source type	AC
AC adapter input voltage	100-240 V
Operational conditions	
Operating temperature (T-T)	0 - 40 °C
Storage temperature (T-T)	-20 - 70 °C
Operating relative humidity (H-H)	5 - 95%
Weight & dimensions	
Width	482.2 mm
Depth	425.3 mm
Height	131.3 mm
Weight	13.9 kg
Package width	595 mm
Package depth	593 mm
Package height	305 mm
Packaging content	
Package type	Box
Cables included	AC, MiniSAS

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Screws included	Yes
Manual	Yes
Technical details	
Warranty period	5 year(s)
Logistics data	
Harmonized System (HS) code	84733080

Dokumentai ir vaizdo įrašai

- Naudojimo instrukcija
- Gaminio lankstinukas

Gamintojo ir saugos informacija

GAMINTOJAS

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PLATINTOJAS

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