



## DAS ENCLOSURE 2BAY USB-C/TR- 002 QNAP



Model: TR-002

Manufacturer: QNAP

EAN: 4713213515310

Product Code: 40941

# R4,349

The TR-002 USB 3.2 Gen 2 RAID expansion enclosure allows you to expand the capacity of your QNAP NAS and PC. The TR-002 can also be utilized as a DAS (Direct-attached Storage) device, allowing you to directly access its content just by connecting it via USB. The TR-002 features two 3.5-inch SATA drive bays with USB 3.2 Gen 2 Type-C connectivity to bring you a highly-reliable and secure storage capacity expansion solution.

### Effective storage expansion with RAID Support

The TR-002 is an ideal storage expansion solution for PCs, especially for laptops which lack the ability to install higher-capacity drives. Featuring two 3.5-inch SATA drive bays and supporting RAID configuration, the TR-002 provides the ability to store a vast number of files and data and to ensure protection against potential drive failure.

### Supports various RAID levels

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The TR-002 supports various RAID configurations. Depending on your requirements, you can switch between hardware- or software-controlled RAID modes. Move the DIP switches to corresponding positions for your ideal RAID mode: Individual, JBOD, RAID 0 or RAID 1. You can also configure the RAID settings from your QNAP NAS, or by using the QNAP External RAID Manager utility on your computer.

### **Flexible storage configuration and management**

Compared with other RAID enclosures, the TR-002 provides software-controlled configurations for greater management flexibility. Users can configure RAID and monitor disk health using Storage & Snapshots Manager on a QNAP NAS, or by using the QNAP External RAID Manager utility on their computer.

### **Versatile usage scenarios to meet storage expansion needs**

The TR-002 meets many storage expansion requirements for home and work use, including:

#### **Scenario 1: Expand the capacity of your NAS**

The TR-002 allows users to expand their NAS storage capacity. By connecting the TR-002 to their NAS and using the Storage & Snapshots Manager, users can easily configure and manage their storage expansion. The TR-002 supports a variety of QNAP NAS storage and file management functions, allowing users to build storage pools, find files with Qsirch and organize files with Qfiling.

#### **Use the TR-002 as an alternative to conventional NAS expansion enclosures**

As an external hardware RAID device, the TR-002 operates independently and does not require additional NAS system resources. The TR-002 features USB 3.2 Gen 2 connection and supports SATA 6Gb/s drives for high-speed data access.

#### **Scenario 2: External storage for your NAS**

Instead of using the TR-002 to expand the capacity of your QNAP NAS, you can use it as a

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complimentary storage unit for backing up or moving data. It also allows you to physically migrate huge data collections that would require significant network bandwidth. While connected to the NAS, you can monitor the health and status of the TR-002 by using the Storage & Snapshots Manager on the NAS.

### **Scenario 3: Expand the storage space of your computer**

The TR-002 can quickly add storage space to your computer. You can use the DIP switch to configure a hardware RAID mode or manage it by using the QNAP External RAID Manager utility. The health and status of the TR-002 can also be monitored by using the QNAP External RAID Manager utility.

### **Scenario 4: Cross-platform file sharing**

From your NAS to Windows, Mac, and Linux computers, the TR-002 is compatible with a wide range of devices. This makes it ideal for quickly moving large files between different devices. The TR-002 is even compatible with devices that use the exFAT file system\*, adding further convenience for accessing and sharing files from a wider range of devices.

- USB 3.2 Gen 2 Type-C port\* for faster data transfer
- Supports up to two SATA drives
- Disk mode DIP switch to change from Hardware Control and Software Control configurations for setting RAID group
- Lockable hard drive trays to prevent accidental drive removal
- Eject button for disconnecting the TR-002 from a NAS or computer\*

Summary: QNAP TR-002. Product type: HDD/SSD enclosure. Number of storage drives supported: 2, Storage drive size: 2.5/3.5", Supported storage drive interfaces: Serial ATA II, Serial ATA III. Data transfer rate: 6 Gbit/s. RAID levels: 0, 1, JBOD, Hot-swap. Product colour: Black. USB connector type: USB Type-C | Vendor Homepage: <https://www.qnap.com/en/product/tr-002> | Hot-swap: Yes | Number of storage drives supported: 2 | RAID levels: 0/1/JBOD | Storage drive size: 2.5/3.5 | Supported storage drive interfaces: Serial ATA II,Serial ATA III | DC-in jack: Yes | USB connectivity: Yes | USB connector gender: Female | USB connector type: USB Type-C | USB ports quantity: 1 | USB version: 3.2 Gen 2 (3.1 Gen 2) | Fan diameter: 70 | Key lock: Yes | LED indicators: HDD,SSD,Status,USB | Number of 3.5" bays: 2 | Number of fans: 1 | On/off switch: Yes | Product colour: Black | Product type:

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HDD/SSD enclosure | Country of origin: Taiwan | Data transfer rate: 6 | S.M.A.R.T. support: Yes | Supported file systems: HFS+,NTFS,exFAT,ext3,ext4 | AC adapter input voltage: 100 - 240 | External power adapter: Yes | Power source type: DC | Linux operating systems supported: Yes | Mac compatibility: Yes | Mac operating systems supported: Mac OS X 10.13 High Sierra/Mac OS X 10.14 Mojave/Mac OS X 10.2 Jaguar/Mac OS X 10.3 Panther/Mac OS X 10.4 Tiger/Mac OS X 10.5 Leopard/Mac OS X 10.6 Snow Leopard/Mac OS X 10.7 Lion/Mac OS X 10.8 Mountain Lion/Mac OS X 10.9 Mavericks | Windows operating systems supported: Windows 10/Windows 7/Windows 8/Windows 8.1 | Operating relative humidity (H-H): 5 - 95 | Operating temperature (T-T): 0 - 40 | Storage temperature (T-T): -20 - 70 | Depth: 225 | Height: 168.5 | Package depth: 205 | Package height: 240 | Package weight: 2050 | Package width: 275 | Weight: 1370 | Width: 102 | AC adapter included: Yes | Cables included: AC,USB Type-C | Manual: Yes | Number of keys included: 2 | Package type: Box | Quick installation guide: Yes | Screws included: Yes | Warranty period: 2 | Harmonized System (HS) code: 84733080 | Model: QNAP TR-002 | Model name: TR-002 | Units per Pallet: 0 | Units per Shipping Box: 4 | Unit Calculated Volume: 0.01588 | Unit Calculated Weight: 2.6

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