

QNAP TR-004 storage drive enclosure HDD/SSD enclosure Black 2.5/3.5"

Model: TR-004#

Manufacturer: QNAP

Product Code: 1741968

R8,577

The TR-004 USB 3.2 Gen 1 RAID expansion enclosure allows you to expand the capacity of your QNAP NAS and PC. The TR-004 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-004 features four 3.5-inch SATA drive bays with multiple RAID configuration options and USB 3.2 Gen 1 Type-C connectivity to bring you a highly reliable and secure storage capacity expansion solution.

Effective storage expansion with RAID Support

The TR-004 is an ideal storage expansion solution for PCs, especially for laptops which lack the ability to install larger, higher-capacity drives. Featuring four 3.5-inch SATA drive bays and

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supporting RAID configuration, the TR-004 provides the ability to store a vast number of files and data and to ensure protection against potential drive failure.

Supports various RAID levels

The TR-004 supports a variety of 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, RAID 1/10 or RAID 5. 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-004 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-004 meets many storage expansion requirements for home and work use, including:

Scenario 1: Expand the capacity of your NAS

The TR-004 provides an alternative method for users to expand their NAS storage capacity. By connecting the TR-004 to their NAS and using the Storage & Snapshots Manager, users can easily configure and manage their storage expansion. The TR-004 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-004 as an alternative to conventional NAS expansion enclosures

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As an external hardware RAID device, the TR-004 operates independently and does not require additional NAS system resources. When compared with the UX-500P expansion enclosure, the TR-004 uses less NAS system resources.

Scenario 2: External storage for your NAS

Instead of using the TR-004 to expand the capacity of your QNAP NAS, you can use it as a 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-004 by using the Storage & Snapshots Manager on the NAS.

Scenario 3: Expand the storage space of your computer

The TR-004 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-004 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-004 is compatible with a wide range of devices. This makes it ideal for quickly moving large files between different devices. The TR-004 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.
* To access devices that use the exFAT file system, users must purchase a separate exFAT driver license.

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