TooQ TQE-2528B

TooQ TQE-2528B 2.5-inch SATA USB 3.1 Gen1 HDD Enclosure User Manual

Model: TQE-2528B

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your TooQ TQE-2528B 2.5-inch SATA USB 3.1 Gen1 HDD Enclosure. This device allows you to convert a 2.5-inch SATA I/II/III hard disk drive or solid-state drive into an external storage solution, connecting via USB 3.1 Gen1 for high-speed data transfer.

2. PACKAGE CONTENTS

Please verify that all items are present in the package:

- TooQ TQE-2528B 2.5-inch SATA USB 3.1 Gen1 HDD Enclosure
- USB 3.0 Type-A to Micro-B Cable
- User Manual (this document)

Image 2.1: The TooQ TQE-2528B enclosure shown with its included USB 3.0 cable.

3. PRODUCT OVERVIEW

The TooQ TQE-2528B is designed for ease of use and portability. Key features include:

- Compatible with 2.5-inch SATA I/II/III HDDs and SSDs up to 9.5mm height.
- USB 3.1 Gen1 (USB 3.0) interface for data transfer speeds up to 5.0 Gbps.
- Tool-free installation for quick setup.
- LED indicator for connection status and data access.
- Powered directly via USB port.

3.1. Component Identification

Image 3.1: The enclosure features an LED indicator on the side, which illuminates to show power and data activity.

Image 3.2: The rear of the enclosure includes a power button and a Micro-USB port for connection.

4. SETUP: HARD DRIVE INSTALLATION

Follow these steps to install a 2.5-inch SATA HDD or SSD into the enclosure:

1. **Open the Enclosure:** Gently slide the top cover of the enclosure to open it. The design allows for tool-free access.

2. **Connect the Drive:** Align your 2.5-inch SATA HDD/SSD with the SATA connector inside the enclosure. Carefully push the drive into the connector until it is firmly seated. Ensure the drive is flush with the internal tray.

3. **Close the Enclosure:** Slide the top cover back into place until it clicks securely.

Image 4.1: The enclosure opened, revealing the internal SATA data and power connector for a 2.5-inch drive.

5. OPERATING INSTRUCTIONS

After installing your hard drive, connect the enclosure to your computer:

1. **Connect USB Cable:** Plug the Micro-B end of the included USB 3.0 cable into the enclosure's Micro-USB port.

2. **Connect to Computer:** Plug the Type-A end of the USB cable into an available USB port on your computer. For optimal performance, use a USB 3.0 or USB 3.1 Gen1 port.

3. **Power On:** If the enclosure has a power button (refer to Image 3.2), press it to turn on the device. The LED indicator (Image 3.1) will illuminate, indicating power and connection status.

4. **Accessing the Drive:** Your operating system should automatically detect the new storage device.

   - **New Drives:** If you are using a brand new hard drive, it may need to be initialized and formatted before use. Refer to your operating system's disk management tools for this process.
   - **Existing Drives:** If the drive contains data, it should appear as a removable drive in 'My Computer' (Windows) or on the desktop (macOS).

Image 5.1: The TooQ TQE-2528B enclosure connected to a laptop, demonstrating a typical usage scenario.

6. MAINTENANCE

To ensure the longevity and optimal performance of your enclosure:

- Keep the enclosure clean and free from dust. Use a soft, dry cloth for cleaning.
- Avoid exposing the device to extreme temperatures, humidity, or direct sunlight.
- Do not drop or subject the enclosure to strong impacts.
- Always safely eject the drive from your operating system before disconnecting the USB cable to prevent data corruption.

7. TROUBLESHOOTING

If you encounter issues with your TooQ TQE-2528B enclosure, refer to the following common solutions:

- **Drive Not Detected:**

  - Ensure the USB cable is securely connected to both the enclosure and the computer.
  - Try connecting to a different USB port on your computer.

- Verify that the hard drive is correctly seated within the enclosure's SATA connector.
- Check your computer's Disk Management (Windows) or Disk Utility (macOS) to see if the drive is recognized but uninitialized or unformatted.
- Test the enclosure with a different 2.5-inch SATA drive, if available, to rule out a drive issue.

- **Slow Data Transfer:**

  - Ensure you are connected to a USB 3.0 or USB 3.1 Gen1 port on your computer. Connecting to a USB 2.0 port will result in slower speeds.
  - Verify that your operating system and drivers are up to date.

- **Enclosure Does Not Power On:**

  - Ensure the USB cable is properly connected and providing power. The enclosure is bus-powered.
  - Try a different USB port on your computer.

8. SPECIFICATIONS

Model Number	TQE-2528B
Compatible Drives	2.5-inch SATA I/II/III HDD/SSD (up to 9.5mm height)
Interface	USB 3.1 Gen1 (USB 3.0)
Data Transfer Rate	Up to 5.0 Gbps
Power Supply	USB Bus-powered (5 Volts)
Material	ABS Plastic
Dimensions (L x W x H)	13.5 cm x 8 cm x 1.6 cm (approx. 5.3 x 3.1 x 0.6 inches)
Weight	50 g (approx. 0.11 lbs)
Operating System Compatibility	Universal (Windows, macOS, Linux)

Image 8.1: Technical drawing illustrating the dimensions of the TooQ TQE-2528B enclosure.

9. WARRANTY AND SUPPORT

TooQ products are designed for reliability and performance. This product comes with a standard manufacturer's warranty. For specific warranty terms and conditions, please refer to the warranty card included with your product or visit the official TooQ website.
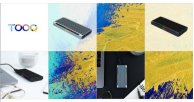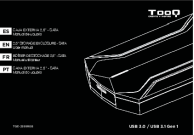
For technical support, frequently asked questions, or to download the latest drivers (if applicable), please visit the official TooQ support website or contact their customer service department. Contact information

can typically be found on the product packaging or the official website.

Manufacturer: TOOQ

Global Trade Item Number (GTIN): 08433281008304

Related Documents - TQE-2528B

	[Caja Externa M.2 SATA/NVMe TooQ SHINOBI USB 3.1 Gen 2 10Gbps](#) Guía completa para la caja externa M.2 SATA/NVMe TooQ SHINOBI (TQE-2221G, TQE-2222B). Incluye instalación, compatibilidad de SSDs, requisitos del sistema, contenido del paquete y detalles de garantía.
	[TooQ TQE-2599RGB 2.5" SATA Storage Enclosure User Manual](#) User manual for the TooQ TQE-2599RGB 2.5" SATA external storage enclosure, providing details on features, system requirements, hardware installation, disk formatting, and warranty information.
	[TooQ TQC-3007U3C Micro-ATX Slim PC Case Installation Manual](#) Installation guide for the TooQ TQC-3007U3C Micro-ATX Slim PC Case, detailing component installation, ventilation, and front panel connectors.
	[TOOQ DB1741TNR-B Desk Stand User Manual for 17-32 Inch Screens](#) User manual for the TOOQ DB1741TNR-B desk stand, designed for 17-32 inch screens. Includes installation instructions, parts list, safety warnings, and warranty information.
	[TooQ DB1703TNV-B User Manual: 17-32 Inch Desk Mount Installation Guide](#) User manual for the TooQ DB1703TNV-B desk mount, supporting 17-32 inch screens with VESA 75x75 and 100x100. Includes installation instructions, parts list, safety warnings, and warranty information.
	[TooQ LP1073F-B Fixed Wall Mount for 32-70 Inch Screens - User Manual](#) User manual for the TooQ LP1073F-B fixed wall mount, designed for 32-70 inch screens. Includes installation instructions, parts list, safety warnings, and warranty information.