SanDisk SDSSDE82-2T00-G25

SanDisk Extreme PRO Portable SSD with USB4 (SDSSDE82-2T00-G25) User Manual

Model: SDSSDE82-2T00-G25

1. Product Overview

The SanDisk Extreme PRO Portable SSD with USB4 is designed for high-performance data storage and transfer. It offers fast read and write speeds, robust construction, and broad compatibility for professionals and users requiring reliable external storage.

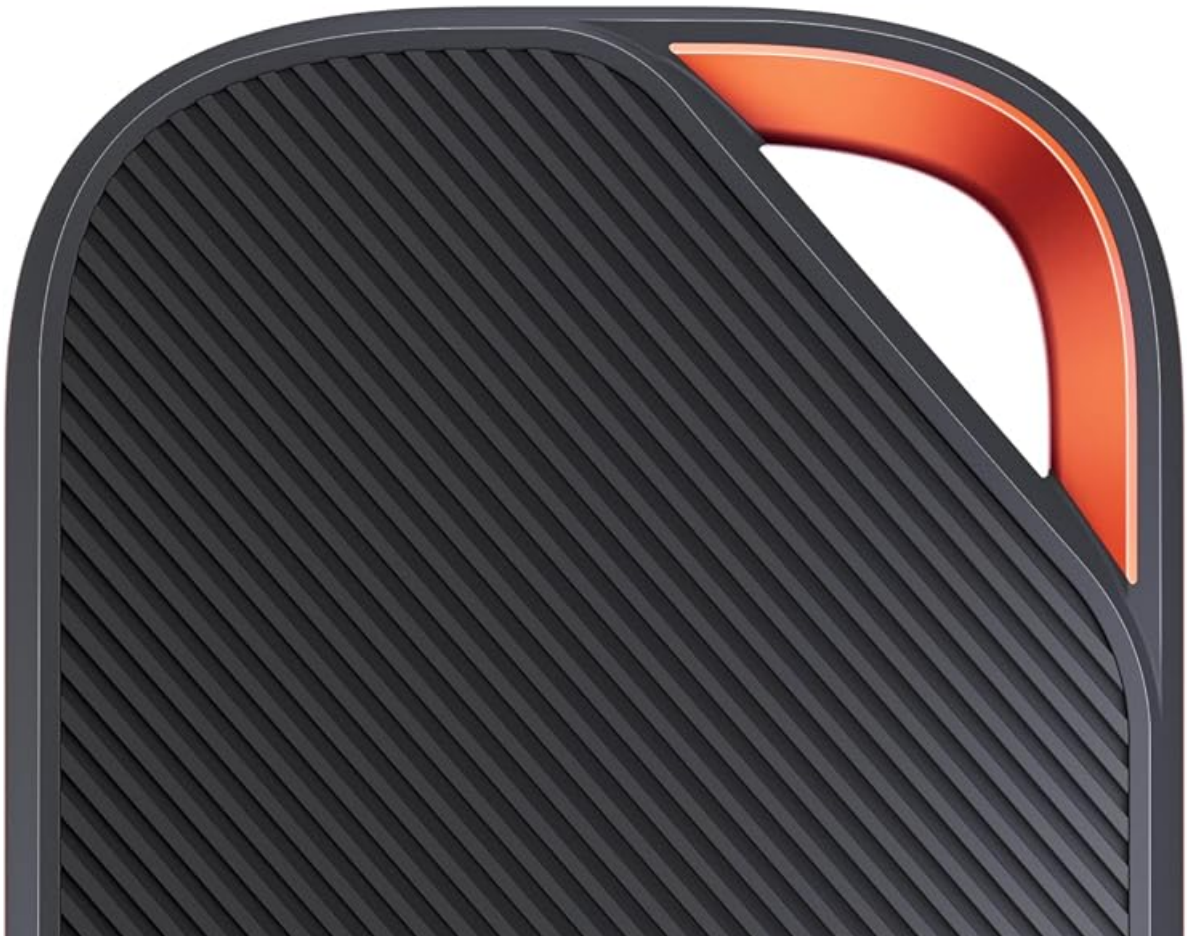




Image 1.1: Top-down view of the SanDisk Extreme PRO Portable SSD. The device is black with a textured surface and features an orange loop for attachment.

Key Features:

- **High-Speed Performance:** Utilizes USB4 technology for read speeds up to 3800 MB/s.
- **Broad Compatibility:** Backwards compatible with USB 3.2 and USB 2.0 devices, and supports Thunderbolt 4.
- **Durable Design:** Features a rugged silicone shell and forged aluminum chassis for enhanced data protection.
- **Extended Warranty:** Includes a 5-year limited warranty.

2. What's in the Box

Verify that all items are present in the product packaging:

- SanDisk Extreme PRO USB4 Portable SSD
- USB Type-C to Type-C cable
- Quick Start Guide
- SanDisk Warranty Guide

3. Setup

Follow these steps to set up your SanDisk Extreme PRO Portable SSD:

1. **Connect the SSD:** Use the included USB Type-C to Type-C cable to connect the SanDisk Extreme PRO Portable SSD to an available USB-C port on your computer or compatible device.



Image 3.1: The SanDisk Extreme PRO Portable SSD connected to a laptop, demonstrating its compatibility with various devices.

2. **Initial Recognition:** Your operating system should automatically detect the SSD. For Windows, it may appear as a new drive letter in "This PC" or "My Computer." For macOS, it may appear on the desktop or in Finder.
3. **Formatting (Optional):** The SSD comes pre-formatted for general use. If you need to reformat the drive for a specific operating system or file system (e.g., NTFS for Windows, HFS+ or APFS for

macOS, exFAT for cross-platform compatibility), use your operating system's disk utility tool. **Warning: Formatting will erase all data on the drive.**

4. **Software Installation (Optional):** SanDisk may offer optional software for data management or security. Refer to the SanDisk website or the included Quick Start Guide for details on available software and installation instructions.

4. Operating Instructions

Using your SanDisk Extreme PRO Portable SSD is straightforward:

1. **Data Transfer:** Drag and drop files or folders to and from the SSD, or use your operating system's copy/paste functions. The high-speed USB4 interface allows for rapid data transfers.



Image 4.1: The SSD in use with a laptop and camera, highlighting its utility for storing large media files.

2. **Safe Ejection:** Always safely eject the SSD before disconnecting it from your computer to prevent data corruption.
    - **Windows:** Right-click the drive icon in "This PC" and select "Eject."
    - **macOS:** Drag the drive icon to the Trash, or click the Eject button next to the drive name in Finder.
3. **Portability:** The compact and rugged design makes it ideal for carrying your data on the go.



Image 4.2: The compact size of the SSD allows it to be easily carried in a pocket, emphasizing its portability.

5. Maintenance

Proper maintenance ensures the longevity and optimal performance of your SSD:

- **Physical Care:** While the SSD is designed to be rugged and water/dust resistant (IP65 rating), avoid exposing it to extreme temperatures, direct sunlight, or harsh chemicals. Clean the exterior with a soft, dry cloth.



Image 5.1: The SSD's rugged design provides protection against drops and environmental elements.

- **Firmware Updates:** Periodically check the SanDisk website for any available firmware updates for your SSD. Firmware updates can improve performance, stability, and compatibility.
- **Data Backup:** Regularly back up important data stored on the SSD to another location. While SSDs are reliable, no storage device is immune to failure.
- **Avoid Overfilling:** For optimal performance, avoid filling the SSD to its maximum capacity. Leaving some free space can help maintain performance.

6. Troubleshooting

If you encounter issues with your SanDisk Extreme PRO Portable SSD, consider the following:

- **SSD Not Detected:**
  - Ensure the USB cable is securely connected to both the SSD and your computer.
  - Try a different USB port on your computer.
  - Test with a different USB-C cable if available.
  - Restart your computer.
  - Check your computer's Disk Management (Windows) or Disk Utility (macOS) to see if the drive is recognized but not assigned a drive letter or mounted.
- **Slow Transfer Speeds:**

- Ensure you are connected to a USB4 or Thunderbolt 4 port for maximum performance. USB 3.2 and USB 2.0 ports will result in lower speeds.
- Verify that your computer's drivers for USB ports are up to date.
- Avoid running multiple demanding applications during large file transfers.
- Ensure the SSD is not nearly full.

- **Drive Gets Warm During Use:**

  It is normal for high-performance SSDs to generate heat during intensive operations. The aluminum chassis helps dissipate this heat. If the drive becomes excessively hot and performance degrades, ensure it has adequate airflow and is not covered.

7. Specifications

Feature	Detail
Model Number	SDSSDE82-2T00-G25
Digital Storage Capacity	2 TB
Interface	USB4 (USB 1.1, USB 3.2, Thunderbolt 4 compatible)
Read Speed	Up to 3800 MB/s
Write Speed	Up to 3700 MB/s
Dimensions (LxWxH)	0.38 x 2.07 x 3.97 inches
Item Weight	6.1 ounces
Color	Black
Durability	IP65 Water and Dust Resistance, Shock Resistant
Compatible Devices	Desktop, Laptop
Manufacturer	Western Digital Technologies, Inc.

8. Warranty and Support

Your SanDisk Extreme PRO Portable SSD is backed by a comprehensive warranty and support services:

- **Limited Warranty:** The product includes a 5-year limited warranty. Please refer to the included SanDisk Warranty Guide for full terms and conditions.
- **Technical Support:** For technical assistance, product registration, or to access drivers and software, visit the official SanDisk support website.
- **Data Recovery Plans:** Optional data recovery plans may be available for purchase separately. Refer to SanDisk's official channels for more information.

For the most up-to-date information and support resources, please visit theSanDisk Support Website.

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