

SanDisk SDSSDE82-4T00-G25

SanDisk Extreme PRO Portable SSD with USB4 (4TB) - Instruction Manual

Brand: SanDisk | **Model:** SDSSDE82-4T00-G25

1. INTRODUCTION

The SanDisk Extreme PRO Portable SSD with USB4 is designed for high-performance data storage and portability. It offers advanced features for professionals and users requiring fast, reliable, and durable external storage.

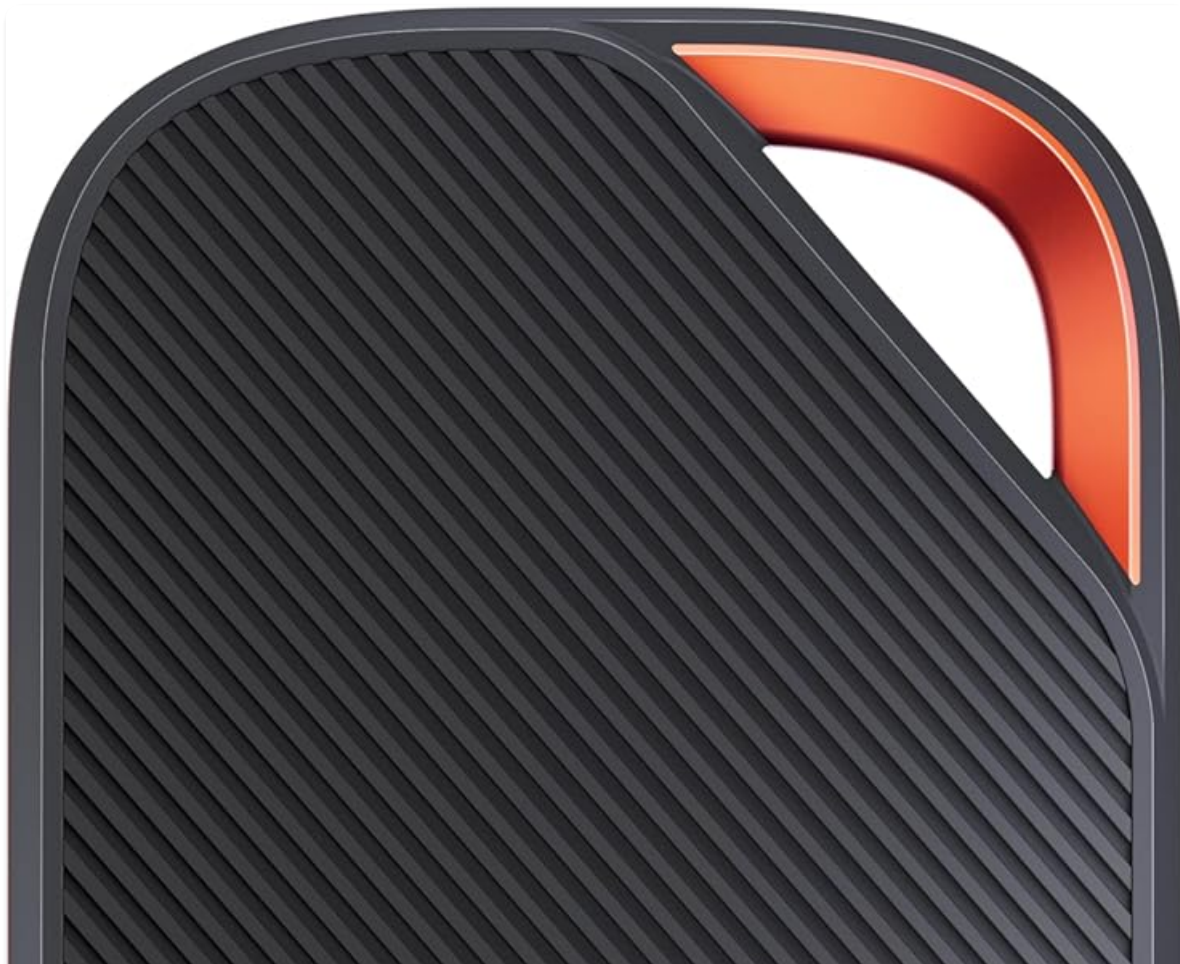




Figure 1: SanDisk Extreme PRO Portable SSD with USB4.

Key Features:

- **USB4 Interface:** Experience turbocharged read speeds up to 3800 MB/s and write speeds up to 3700 MB/s for rapid data access and real-time file handling.
- **Broad Compatibility:** Fully compatible with older USB 3.2 and USB 2.0 devices, and supports Thunderbolt 4.
- **Robust Protection:** Features a rugged silicone shell and forged aluminum chassis for enhanced durability, protecting your data on the go.
- **Water and Dust Resistance:** IP65 rated for water and dust resistance, ensuring reliability in various environments.
- **Shock Resistance:** Engineered to withstand drops from up to 2 meters.
- **High Capacity:** Available in capacities up to 4TB to store extensive data libraries.

2. WHAT'S IN THE BOX

Verify that all items are present in the packaging:

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



Unleash USB4 Speeds.

Figure 2: Included items: SSD and USB-C cable.

3. SETUP

Connecting the SSD:

1. Locate the USB Type-C port on your computer or compatible device.

2. Connect one end of the provided USB Type-C to Type-C cable to the SSD's USB-C port.
3. Connect the other end of the cable to your computer's USB-C or Thunderbolt port.
4. The SSD should be automatically detected by your operating system.

Backwards Compatible with USB 3.2 and 2.0 devices.



Figure 3: Connecting the SSD to a laptop via USB-C.

Initial Formatting (Optional but Recommended for Mac Users):

For optimal performance, especially with Mac computers, it is recommended to reformat the SSD to APFS (Apple File System). This process will erase all data on the drive, so ensure it is empty or back up any necessary files before proceeding.

1. Connect the SSD to your Mac.
2. Open 'Disk Utility' (Applications > Utilities > Disk Utility).
3. Select the SanDisk Extreme PRO SSD from the sidebar.
4. Click the 'Erase' button in the toolbar.
5. Choose 'APFS' as the format and 'GUID Partition Map' as the scheme.
6. Click 'Erase' to confirm.

For Windows users, the drive typically comes pre-formatted in exFAT, which is compatible with both Windows

and macOS. Reformatting to NTFS (New Technology File System) can offer better performance and features for Windows-only use.

4. OPERATING THE SSD

Data Transfer:

Once connected, the SSD functions like any other external drive. You can drag and drop files, copy and paste, or use your operating system's backup utilities to transfer data. The USB4 interface ensures rapid transfer speeds for large files and extensive data sets.



Effortless Storage.

Figure 4: The SSD provides effortless storage for creative workflows.

Performance:

The SanDisk Extreme PRO with USB4 is engineered for sustained high performance, even under heavy workloads such as 4K/8K video editing, large file transfers, and music production. The aluminum core helps dissipate heat, preventing performance throttling during prolonged use.

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Compatibility with Mobile Devices:

This SSD offers broad compatibility, including with many modern smartphones and tablets that support USB-C connectivity, allowing for direct storage and access of files from these devices.

5. MAINTENANCE

Care and Handling:

- Avoid exposing the SSD to extreme temperatures or direct sunlight for extended periods.
- While rugged and IP65 rated, avoid intentional submersion in water or exposure to excessive dust.
- Clean the exterior with a soft, dry cloth. Do not use harsh chemicals or abrasive materials.
- Always safely eject the drive from your operating system before disconnecting to prevent data corruption.

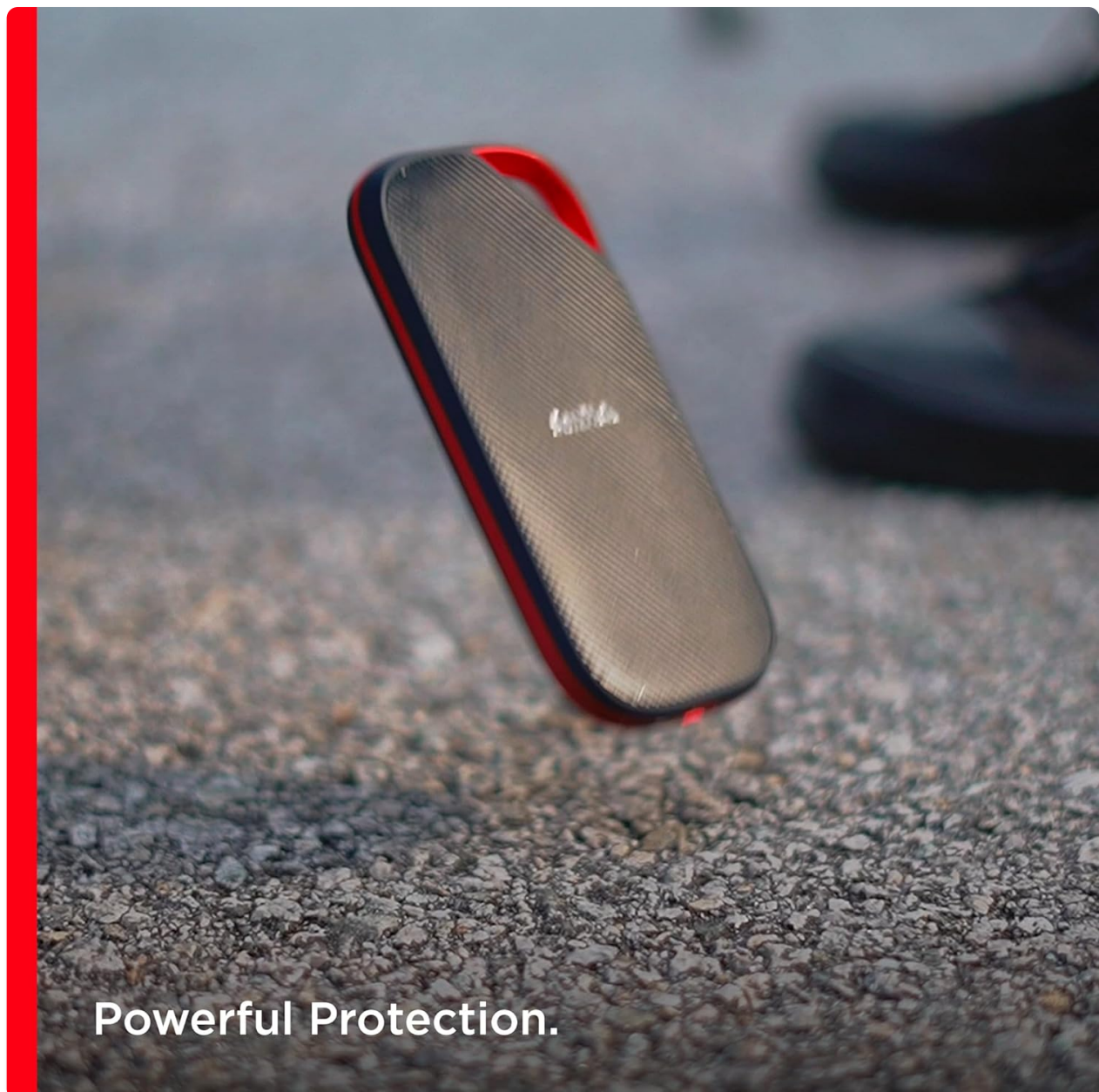


Figure 5: The rugged design provides powerful protection against drops and environmental elements.

6. TROUBLESHOOTING

Slow Transfer Speeds:

- Ensure you are using the provided USB Type-C to Type-C cable, which supports USB4 speeds.
- Connect the SSD to a USB4 or Thunderbolt 4/5 compatible port on your computer for maximum performance. Older USB ports will result in lower speeds.
- Verify the drive's format. Reformatting to APFS for Mac or NTFS for Windows (if exclusively used with Windows) can optimize performance.
- Close any unnecessary applications running in the background that might be consuming system resources.

Drive Not Detected:

- Try connecting the SSD to a different USB-C port on your computer.
- Test with a different USB Type-C cable to rule out cable issues.
- Restart your computer and try connecting the SSD again.
- Check your operating system's Disk Management (Windows) or Disk Utility (macOS) to see if the drive is recognized but uninitialized or unformatted.

Overheating:

The SSD features an aluminum core designed for heat dissipation. While it is built to handle prolonged heavy use without throttling, ensure adequate airflow around the device, especially during intensive tasks.

7. SPECIFICATIONS

Feature	Specification
Hard Drive Type	Solid State Drive
Digital Storage Capacity	4 TB
Brand	SanDisk
Series	SanDisk Extreme PRO with USB4 Portable SSD
Item Model Number	SDSSDE82-4T00-G25
Item Weight	6.1 ounces
Product Dimensions (LxWxH)	3.97 x 2.07 x 0.38 inches
Color	Black
Hard Drive Interface	USB-C (USB4)
Connectivity Technology	USB
Special Features	Backward Compatible, Portable, Shock Resistant, Water Resistant (IP65)
Compatible Devices	Desktop, Laptop

Manufacturer	Western Digital Technologies, Inc.
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8. WARRANTY AND SUPPORT

Limited Warranty:

The SanDisk Extreme PRO Portable SSD with USB4 comes with a 5-year limited warranty. Please refer to the included SanDisk Warranty Guide for full terms and conditions.



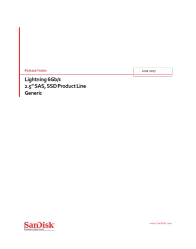
Customer Support:

For technical assistance, troubleshooting, or warranty claims, please visit the official SanDisk support website:

www.sandisk.com/support

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Related Documents - SDSSDE82-4T00-G25

	<p>SanDisk Portable SSD v4 User Guide</p> <p>This document provides information on the SanDisk Portable SSD v4, including its features and specifications. It is intended for users of SanDisk portable SSD products.</p>
	<p>SanDisk Extreme SDXC/SDHC UHS-I Speicherkarten: Technische Daten und Merkmale</p> <p>Umfassende Informationen zu SanDisk Extreme SDXC und SDHC UHS-I Speicherkarten, einschließlich Kapazitäten, Geschwindigkeiten, Abmessungen, Kompatibilität und Haltbarkeit. Ideal für 4K UHD-Video und professionelle Fotografie.</p>
	<p>SanDisk Lightning 6Gb/s 2.5" SAS SSD Firmware Release Notes</p> <p>Release notes for the SanDisk Lightning 6Gb/s 2.5" SAS SSD product line, detailing firmware updates and fixes.</p>

[pdf] Specifications Datasheet Dimension Guide Declaration of Conformity Safety Datasheet Warranty

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