

SanDisk SDSSDE61-500G-G25

SanDisk Extreme Portable SSD User Manual

Model: SDSSDE61-500G-G25 (500GB)

Brand: SanDisk

1. PRODUCT OVERVIEW

The SanDisk Extreme Portable SSD is a high-capacity, durable external solid-state drive designed for fast data transfer and reliable storage. It features NVMe solid-state performance, robust protection against water, dust, and drops, and includes essential connectivity options.

What's in the Box:

- 1 x SanDisk Extreme Portable SSD
- 1 x USB-C to USB-C Cable
- 1 x USB-C to USB-A Adapter
- Quick Start Guide (not included in this digital manual)





Figure 1: SanDisk Extreme Portable SSD (SDSSDE61-500G-G25)

2. SETUP AND CONNECTION

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

1. **Connect the SSD:** Use the included USB-C to USB-C cable to connect the SSD directly to a compatible USB-C port on your computer or device. If your device only has USB-A ports, attach the USB-C to USB-A adapter to the USB-C cable before connecting.

2. **Power On:** The SSD draws power directly from the USB connection and does not require an external power source.
3. **Initialization (First Use):** For optimal performance and compatibility, it is recommended to initialize and format the drive according to your operating system's guidelines. Most operating systems will prompt you to do this upon first connection. Refer to your operating system's documentation for specific instructions on disk management and formatting.

Universal Compatibility: Includes USB-C cable with USB-C to USB-A adapter



Figure 2: Included USB-C cable and USB-A adapter for universal compatibility.

3. OPERATING THE SSD

Data Transfer:

Once connected and initialized, your SanDisk Extreme Portable SSD will appear as an external drive on your computer. You can drag and drop files to and from the drive, or use your operating system's copy/paste functions. The drive supports up to 1050MB/s read and 1000MB/s write speeds, depending on your host device and interface.

NVMe solid state performance with up to 1050MB/s read and 1000MB/s write speeds^{1A}



1A: Based on internal testing; performance may be lower depending on host device, interface, usage conditions and other factors. 1MB=1,000,000 bytes.

Figure 3: The SSD offers high-speed NVMe performance for efficient data handling.

Security Features:

The SanDisk Extreme Portable SSD includes password protection with 256-bit AES hardware encryption. This feature requires software download for macOS (v10.9+) and is supported by Windows 8, Windows 10, and later versions. Visit the official SanDisk website for software downloads and instructions.



Included password protection featuring 256-bit AES hardware encryption²

² Supported by Windows 8, Windows 10, and macOS v10.9+

Figure 4: Secure your data with 256-bit AES hardware encryption.

SanDisk Memory Zone App:

Utilize the SanDisk Memory Zone app for easy file management and automatic space freeing. This app helps organize and back up content from your mobile device to the SSD.



Figure 5: Manage files with the SanDisk Memory Zone app.

4. DURABILITY AND MAINTENANCE

The SanDisk Extreme Portable SSD is built for durability:

- **Drop Protection:** Engineered to withstand drops of up to three meters.
- **Water and Dust Resistance:** Features an IP65 rating, meaning it is protected against dust ingress and low-pressure water jets from any direction. Ensure the USB port cover is securely closed for maximum protection. The device must be clean and dry before use after exposure to water.
- **Temperature Range:** Designed to operate in a wide range of temperatures. Refer to specifications for exact operating and storage temperature ranges.



Up to three-meter drop protection and IP65 water and dust resistance³

³: Product requalified for stated specifications. Based on internal testing. IPEC 60529 IP55/IP65: Tested to withstand water flow (30 kPa) at 3 min.; limited dust contact does not interfere with operation. Must be clean and dry before use.

Figure 6: The SSD offers IP65 water and dust resistance.



Figure 7: The carabiner loop allows for secure attachment to bags or gear.

5. TROUBLESHOOTING

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

- **Not Detected:** Ensure the USB cable is securely connected to both the SSD and your device. Try a different USB port or cable. Verify that your operating system's disk management utility recognizes the drive.
- **Slow Performance:** Ensure you are using a USB 3.2 Gen 2 compatible port and cable for optimal speeds. Older USB ports (e.g., USB 2.0) will result in significantly slower transfer rates. Close any unnecessary applications running in the background.
- **Formatting Issues:** If the drive is not formatting correctly, try using a different formatting tool or checking for driver updates for your USB controller.
- **Data Loss:** While the SSD is durable, always maintain regular backups of critical data to prevent loss from unforeseen circumstances.

6. SPECIFICATIONS

Feature	Detail
Model Number	SDSSDE61-500G-G25
Digital Storage Capacity	500 GB
Hard Drive Interface	USB 3.2 Gen 2 (USB-C)
Read Speed	Up to 1050MB/s
Write Speed	Up to 1000MB/s
Drop Protection	Up to 3 meters
Water & Dust Resistance	IP65-rated
Dimensions (LxWxH)	0.38 x 2.07 x 3.97 inches
Item Weight	1.76 ounces



Figure 8: Physical dimensions of the SanDisk Extreme Portable SSD.

7. EXTENDED STORAGE USE (PS5 EXAMPLE)

The SanDisk Extreme Portable SSD can be used as extended storage for compatible gaming consoles, such as the PlayStation 5. This allows you to store and play PS4 games directly from the SSD, or store PS5 games and transfer them to the console's internal storage when ready to play.

Video 1: Demonstration of SanDisk Extreme Portable SSD used as extended storage for a PlayStation 5, showing storage capacity and game management.

8. WARRANTY AND SUPPORT

For warranty information, product registration, software downloads, and technical support, please visit the official SanDisk website. Keep your proof of purchase for warranty claims.

Official SanDisk Website: www.sandisk.com

