

ADATA SD810

ADATA SD810 Portable External Solid State Drive User Manual

Model: SD810

1. INTRODUCTION

The ADATA SD810 is a high-performance portable external solid state drive designed for reliable data storage and rapid transfer. It combines massive storage capacity with robust durability, making it suitable for various applications including gaming, professional use, and student needs. This device features a USB 3.2 Gen 2x2 interface for blazing-fast speeds and is built to withstand challenging environments with its IP68 water and dust resistance and military-grade drop protection.

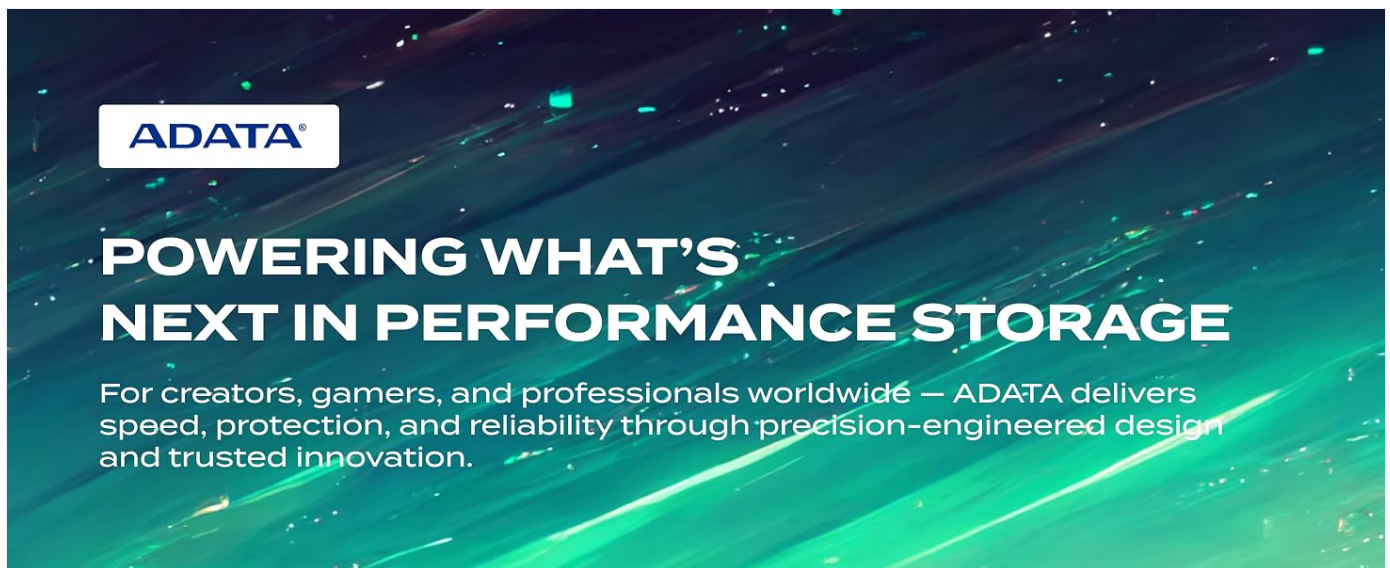


Image 1.1: Overview of the ADATA SD810 highlighting its speed, durability, and portability.



CHOOSE THE PERFECT CAPACITY

500GB

1TB

2TB

4TB

BACKED BY 5-YEAR WARRANTY

Image 1.2: Rear view of the ADATA SD810, displaying certifications and product details.

2. SETUP

The ADATA SD810 is designed for simple plug-and-play functionality. Follow these steps to connect your device:

- 1. Unpack the Device:** Carefully remove the ADATA SD810 SSD and the included USB cable from its packaging.
- 2. Identify the USB-C Port:** Locate the USB-C port on the ADATA SD810. This port is protected by a rubber cover to ensure water and dust resistance.
- 3. Connect to Your Device:**
 - Insert one end of the provided USB-C cable into the AD810's USB-C port.
 - Insert the other end of the cable into a compatible USB-C port on your computer, gaming console, or mobile device.The SD810 supports USB 3.2 Gen 2x2 for optimal performance and is backward compatible with USB 2.0.
- 4. Automatic Recognition:** Your operating system should automatically detect the ADATA SD810. For Windows, macOS, and Linux, it will appear as an external storage device. For Android, iPad, and iPhone, ensure your device supports external

storage and has the necessary adapters if not directly USB-C compatible.

5. **Initial Formatting (Optional):** The drive comes pre-formatted for general use. If you need to use a specific file system (e.g., NTFS for Windows, HFS+ or APFS for macOS, ext4 for Linux), you may need to format the drive using your operating system's disk utility. **Warning: Formatting will erase all data on the drive. Back up any important data before proceeding.**

WORKS WITH ALL YOUR DEVICES

COMPATIBLE WITH:

WINDOWS 10/11

MACOS 13+

LINUX KERNEL 6+

ANDROID 13+

GAME CONSOLES

USB-C 2.0

Image 2.1: The USB-C port on the ADATA SD810, ready for connection.

3. OPERATING THE ADATA SD810

The ADATA SD810 is designed for high-speed data transfer and broad compatibility. Here's how to use it effectively:

- **Data Transfer:**

Once connected, the SD810 functions like any other external drive. You can drag and drop files, copy and paste, or use backup software to transfer data. With read and write speeds up to 2000MB/s, large files and folders will transfer quickly.

20x FASTER

THAN STANDARD HARD DRIVES

PERFECT FOR VIDEO CREATORS AND PHOTOGRAPHERS.

Supports USB 3.2
Gen2 x2 (20Gbps)
delivering seamless
editing for large files.

2000MB/S
READ/WRITE SPEED



Image 3.1: The ADATA SD810 connected to a laptop for high-speed data operations.

- **Universal Compatibility:**

The SD810 is compatible with a wide range of operating systems and devices:

- **Operating Systems:** Windows 10/11, macOS 13+, Linux Kernel 6+, Android 13+.
- **Gaming Consoles:** Expand your game library on compatible consoles like the Sony PlayStation 5 and Xbox.
- **Mobile Devices:** Connect to iPad and iPhone models that support external storage via USB-C.

ENGINEERED WITH PRECISION. TESTED FOR TRUST.

From design to production, every ADATA product is crafted with premium components, smart engineering, and rigorous testing – turning high performance into lasting reliability you can trust.

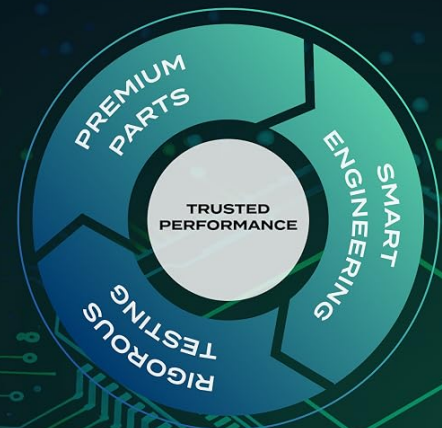


Image 3.2: Compatibility chart for the ADATA SD810 across various platforms.

EXPAND YOUR GAME LIBRARY

XBOX

PS5

+

**SUPPORTS LATEST GENERATION
GAME CONSOLES**

+

**SIMPLE USB-C PLUG-AND-PLAY
WITH BACKWARD USB 2.0 SUPPORT**

Image 3.3: The ADATA SD810 expanding storage for a gaming console.

- **Safe Removal:** Always safely eject or unmount the SD810 from your operating system before disconnecting the cable to prevent data corruption.

Official Product Video: Speed Demonstration

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Video 3.1: An official ADATA video demonstrating the high-speed data transfer capabilities of the SD810 Portable External SSD.

4. MAINTENANCE AND DURABILITY

The ADATA SD810 is engineered for exceptional durability and requires minimal user maintenance. Its robust design protects your data in various conditions:

- **IP68 Water and Dust Resistance:** The SD810 is certified IP68, meaning it is completely protected against dust ingress and can withstand submersion in water up to 1 meter for 60 minutes. Ensure the USB-C port cover is securely closed to maintain this protection.
- **Military-Grade Drop Resistance:** Meeting MIL-STD-810G 516.6 standards, the drive is designed to endure accidental drops and impacts, providing enhanced data security.
- **Aluminum Alloy Casing:** The lightweight aluminum alloy casing not only contributes to its durability but also aids in efficient heat dissipation, ensuring stable performance even under continuous load.
- **Cleaning:** For general cleaning, wipe the device with a soft, dry cloth. Avoid using harsh chemicals or abrasive materials. If the device gets wet, ensure it is completely dry before opening the port cover or connecting it to any device.



BUILT FOR ANY ADVENTURE

- Meets IP68 water & dust resistance
- MIL-STD-810G 516.6 drop resistance
- Survives 1m submersion for 60 min

Image 4.1: The ADATA SD810 showcasing its water resistance.

ULTRA-FAST. ULTRA-TOUGH. ULTRA-PORTABLE.

Transfer up to 2000MB/s with high-speed USB 3.2 Gen 2x2 performance. Certified IP68 dustproof and waterproof, submersible up to 1 meter for 60 minutes, and built with military-grade durability in a compact, credit card-sized design. Backed by ADATA's 5-Year Limited Warranty.



Image 4.2: Detailed view of the SD810's robust construction and durability features.

Official Product Video: IP68 Water Resistance

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Video 4.1: An official ADATA video demonstrating the IP68 water resistance of the SD810 Portable External SSD.

5. TROUBLESHOOTING

If you encounter issues with your ADATA SD810, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
Drive not detected	Loose connection, incompatible port, driver issue, or incorrect formatting.	• Ensure the USB cable is securely connected to both the SD810 and your device. • Try a different USB port on your computer/device. • Test with a different USB-C cable if available. • Check your device's Disk Management (Windows) or Disk Utility (macOS) to see if the drive is recognized but unformatted or has a partition issue. • Ensure your operating system drivers are up to date.
Slow transfer speeds	Using a non-USB 3.2 Gen 2x2 port, old cable, or background processes.	• Connect the SD810 to a USB 3.2 Gen 2x2 compatible port on your device for optimal performance. • Ensure you are using the provided USB-C cable or another high-quality USB 3.2 Gen 2x2 compatible cable. • Close unnecessary applications or background processes that might be consuming system resources. • Verify your device's USB drivers are current.
Data corruption	Improper disconnection, power interruption during transfer.	• Always safely eject the drive from your operating system before disconnecting. • Run a disk check utility (e.g., CHKDSK on Windows, First Aid on macOS) to repair minor errors. • If data is severely corrupted, reformatting the drive may be necessary (Warning: This will erase all data).

6. SPECIFICATIONS

Below are the technical specifications for the ADATA SD810 Portable External Solid State Drive:

Feature	Detail
Model Name	SD810
Digital Storage Capacity	1 TB (1000GB)
Hard Disk Interface	Solid State

Feature	Detail
Connectivity Technology	USB
Hardware Connectivity	USB 3.2 Gen 2x2 (USB-C)
Read Speed	Up to 2000 MB/s
Write Speed	Up to 2000 MB/s
Special Feature	Portable, IP68 Water & Dust Resistant, MIL-STD-810G Drop Resistant
Form Factor	Portable (Credit card-sized design)
Compatible Devices	Gaming Console (e.g., Sony PlayStation 5), PC, Mac, Android, iPad, iPhone
Enclosure Material	Aluminum Alloy
Item Weight	41.7 g
Included Components	USB Cable

7. WARRANTY INFORMATION

The ADATA SD810 Portable External Solid State Drive is backed by a **5-Year Manufacturer Warranty**. This warranty covers defects in materials and workmanship under normal use. For specific terms and conditions, including limitations and exclusions, please refer to the official ADATA website or the warranty card included with your product.

8. CUSTOMER SUPPORT

For further assistance, technical support, or warranty claims, please contact ADATA customer service through their official website:
ADATA Official Website: <https://www.adata.com/us/support/>
Please have your product model (SD810) and serial number ready when contacting support.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question