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› ADATA HD710 Pro 1TB External Hard Drive User Manual

## ADATA AHD710P-1TU31-CBK

# ADATA HD710 Pro 1TB External Hard Drive User Manual

## 1. PRODUCT OVERVIEW

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The ADATA HD710 Pro is a ruggedized 1TB external hard drive designed for extreme mobile data protection. It features a durable, triple-layered construction that makes it waterproof, dustproof, and military-grade shockproof. This device is ideal for users requiring robust storage on the go, compatible with Mac, PC, and Linux systems.



Figure 1: ADATA HD710 Pro 1TB External Hard Drive (Black)

## 2. KEY FEATURES

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- **IP68 Waterproof and IP6X Dustproof:** Certified to exceed stringent International Electrotechnical Commission (IEC) standards, offering protection against water immersion and total dust ingress.
- **Military-Grade Shockproof (MIL-STD-810G 516.6):** Designed to withstand drops from up to 1.5 meters, ensuring data safety even in challenging environments.
- **Triple-Layered Protection:** Features a tough silicone outer layer, a shock-absorbing buffer, and a robust plastic shell for enhanced durability.
- **USB 3.1 Interface:** Provides ultra-fast data transfer rates of up to 5 gigabits per second.
- **Integrated Cable Management:** A convenient groove around the drive allows for neat storage of the USB cable, preventing loss and tangles.
- **No External Power Required:** Powered directly via the USB connection, enhancing portability.

# DURABLE TRIPLE-LAYERED CONSTRUCTION

## 3-LAYER DESIGN

Tough silicone  
outer layer with  
shock-absorbing  
buffer

Tough plastic  
shell holds the  
drive firmly in  
place

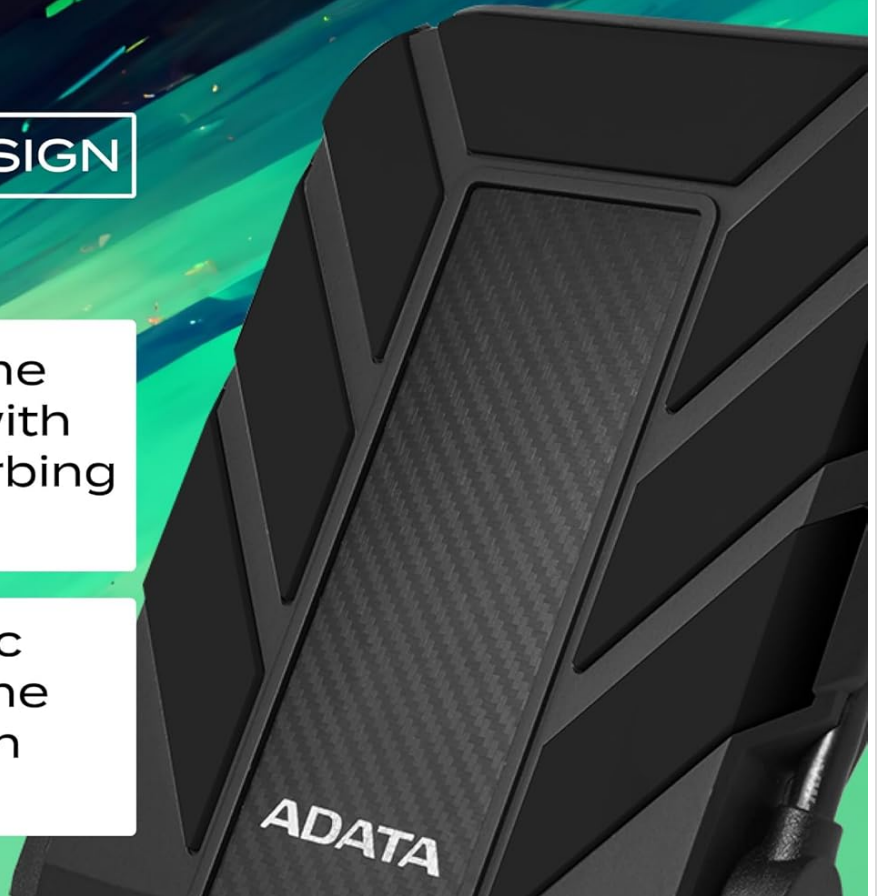


Figure 2: Illustration of the HD710 Pro's triple-layered protective design.

## 3. SETUP

1. **Unpack the Device:** Carefully remove the ADATA HD710 Pro from its packaging.
2. **Locate the USB Cable:** The integrated USB 3.1 cable is wrapped around the drive's casing. Gently unwrap it.
3. **Connect to Computer:** Plug the USB connector into an available USB port on your computer (PC, Mac, or Linux). For optimal performance, use a USB 3.0/3.1 port.
4. **Initial Recognition:** Your operating system should automatically detect the drive. A blue LED indicator on the drive will illuminate, signifying power and activity.
5. **Formatting (If Needed):** The drive comes pre-formatted for general use. If you encounter issues or wish to change the file system (e.g., for specific operating system compatibility or larger file support), you may need to format the drive. Refer to your operating system's documentation for instructions on how to format an external drive. **Warning: Formatting will erase all data on the drive. Back up any important files before proceeding.**

# WORKS WITH ALL YOUR DEVICES

## COMPATIBLE WITH:

PC

MACOS

LINUX

LAPTOP

USB 3.1

Figure 3: The HD710 Pro is compatible with PC, Mac, and Linux systems.

## 4. OPERATING

1. **Accessing the Drive:** Once connected and recognized, the drive will appear as a removable storage device in your computer's file explorer (Windows), Finder (macOS), or file manager (Linux).
  2. **Transferring Files:** You can drag and drop files or folders to and from the HD710 Pro just like any other storage device.
  3. **Safe Ejection:** To prevent data corruption, always safely eject the drive before disconnecting it.
    - **Windows:** Right-click the drive icon in 'This PC' or the system tray and select 'Eject'.
    - **macOS:** Drag the drive icon to the Trash, or click the Eject button next to the drive name in Finder.
    - **Linux:** Right-click the drive icon in your file manager and select 'Eject' or 'Unmount'.
- **LED Indicator:** The blue LED light indicates the drive's status:

- **Solid Blue:** Drive is powered on and idle.
- **Flashing Blue:** Data transfer is in progress.

Your browser does not support the video tag.

*Video 1: An overview of the ADATA External Hard Drive, demonstrating its features and usage.*

## 5. MAINTENANCE

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- **Keep Ports Sealed:** Ensure the rubber flap covering the USB port is securely closed when the drive is not in use to maintain its waterproof and dustproof integrity.
- **Clean Gently:** Use a soft, dry cloth to clean the exterior of the drive. Avoid harsh chemicals or abrasive materials.
- **Avoid Extreme Conditions:** While rugged, prolonged exposure to extreme temperatures, direct sunlight, or corrosive substances should be avoided.
- **Handle with Care:** Despite its shockproof design, avoid intentionally dropping or subjecting the drive to excessive force.



## BEYOND IP68 PROTECTION

- IP68 waterproof: 2m for 60 minutes
- IP6X total dust-tight protection
- Military-grade: survives 1.5m drops

Figure 4: The HD710 Pro offers IP68 waterproof, IP6X dustproof, and military-grade shock resistance.

## 6. TROUBLESHOOTING

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- **Drive Not Recognized:**

- Ensure the USB cable is securely connected to both the drive and the computer.
- Try connecting to a different USB port on your computer.
- Test the drive on another computer to rule out a computer-specific issue.
- Check your computer's Disk Management (Windows) or Disk Utility (macOS) to see if the drive is detected but unformatted or has a partition issue.

- **Slow Transfer Speeds:**

- Ensure you are using a USB 3.0/3.1 port on your computer for maximum speed. Connecting to a USB 2.0 port will result in slower speeds.
- Verify that your computer's drivers are up to date.
- Large numbers of small files can transfer slower than fewer large files.

- **Data Corruption:**

- Always safely eject the drive before disconnecting to prevent data loss or corruption.
- If data corruption occurs, data recovery software may be an option, but success is not guaranteed.

## 7. SPECIFICATIONS

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Feature	Detail
Digital Storage Capacity	1 TB
Hard Disk Interface	USB 3.2
Connectivity Technology	USB
Brand	ADATA
Special Feature	Portable
Hard Disk Form Factor	2.5 Inches
Hard Disk Description	Mechanical Hard Disk
Compatible Devices	Laptop, PC
Installation Type	External Hard Drive
Color	BLACK PRO
Additional Features	Portable
Hard Disk Rotational Speed	5400 RPM
Specific Uses For Product	personal, gaming, business
Read Speed	90 Megabytes Per Second

Media Speed	90 Megabytes Per Second
Cache Memory Installed Size	1
Data Transfer Rate	5000 Megabits Per Second
Form Factor	Portable
Hardware Connectivity	USB 3.0
Enclosure Material	Aluminum
Model Number	AHD710P-1TU31-CBK
Built-In Media	External HDD, Quick start guide
Model Name	HD 710 Pro
Manufacturer	ADATA
Global Trade Identification Number	04713218460394
Item Type Name	ADATA USB 3.1 IP68 Waterproof/Shockproof/Dustproof Ruggedized External Hard Drive, Black (AHD710P-1TU31-CBK)
Warranty Description	3 year warranty
Best Sellers Rank	#35 in External Hard Drives
ASIN	B0744NWZTM
Hard-Drive Size	1000 GB
Item Weight	9.6 ounces
Item Dimensions L x W x Thickness	5.2"L x 3.8"W x 0.8"Th
Number of Items	1
Unit Count	1.0 Count
Customer Package Type	Standard Packaging

## 8. WARRANTY

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The ADATA HD710 Pro comes with a **3-year limited warranty**. This warranty covers defects in materials and workmanship under normal use. For specific terms and conditions, please refer to the official ADATA website or the warranty card included with your product.

## 9. SUPPORT

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For further assistance, technical support, or to download the latest drivers and software, please visit the official ADATA website:

[www.adata.com](http://www.adata.com)

You may also find helpful resources and FAQs on the ADATA support pages.