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## UnionSine HD2513

# UnionSine HD2513 250GB Ultra Slim Portable External Hard Drive User Manual

Model: HD2513

## 1. INTRODUCTION

The UnionSine HD2513 is an ultra-slim portable external hard drive designed for reliable and fast data storage. Featuring USB 3.0 connectivity, it offers high-speed data transfer and broad compatibility with various operating systems and devices. Its compact design ensures portability, making it suitable for users requiring mobile data access and backup solutions.

## 2. PACKAGE CONTENTS

Please verify that all items are present in your package:

- 1 x UnionSine HD2513 Portable External Hard Drive
- 1 x USB 3.0 Data Cable
- 1 x User Manual (this document)

## 3. SETUP

Setting up your UnionSine HD2513 external hard drive is a straightforward process. No software installation or external power supply is required for most modern systems.

### 3.1 Connecting the Drive

1. Locate an available USB port on your computer (PC, Desktop, Laptop), gaming console, or television. For optimal performance, use a USB 3.0 port.
2. Connect the smaller end of the provided USB 3.0 cable to the port on the UnionSine HD2513 external hard drive.
3. Connect the larger end of the USB 3.0 cable to the USB port on your device.

# USB 3.0 |

High Speed Interface



Image: The UnionSine HD2513 external hard drive with its USB 3.0 port connected to the included data cable.



Image: A detailed view of the USB 3.0 cable, showing both the standard USB-A connector and the Micro-B connector for the hard drive.

### **3.2 Plug and Play Functionality**

Upon connection, your operating system (Windows, Mac, Linux, Android) should automatically detect the drive. It is pre-formatted with ExFAT, allowing immediate use for most systems without additional setup.

## Easy solution to data storage

Plug into the computer to automatically install the driver  
Backup your data quickly



Image: The UnionSine HD2513 external hard drive connected to a laptop, illustrating its plug-and-play functionality for data storage.

### 3.3 Reformatting (If Necessary)

While the drive is pre-formatted as ExFAT for broad compatibility, some older devices or specific applications may require reformatting to a different file system (e.g., NTFS for Windows, HFS+ for Mac). Consult your device's documentation for recommended file systems. Reformatting will erase all data on the drive, so ensure any important files are backed up beforehand.

## 4. OPERATING INSTRUCTIONS

### 4.1 Data Transfer

Once connected and recognized by your system, the UnionSine HD2513 functions like any other storage device. You can transfer files by:

- **Drag and Drop:** Select files or folders from your computer and drag them to the drive's icon or open folder.
- **Copy and Paste:** Right-click on files/folders, select 'Copy', then navigate to the drive's folder, right-click, and

select 'Paste'.

The USB 3.0 interface provides theoretical transfer speeds up to 5.0 Gbit/s (625 MB/s), significantly faster than USB 2.0.

## 4.2 Safe Removal

To prevent data corruption, always safely eject the hard drive before disconnecting it from your computer:

- **Windows:** Click the 'Safely Remove Hardware and Eject Media' icon in the system tray, then select the UnionSine drive.
- **macOS:** Drag the drive icon from your desktop to the Trash, or click the 'Eject' button next to the drive in Finder.
- **Linux:** Right-click the drive icon on your desktop or file manager and select 'Eject' or 'Unmount'.

## 5. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your external hard drive.

- **Physical Care:** Avoid dropping the drive, exposing it to extreme temperatures, or liquids. The ABS material and slightly raised design offer some shock and compression resistance, but careful handling is recommended.
- **Data Backup:** Regularly back up important data stored on the external drive to another location to prevent data loss in case of unforeseen issues.
- **Defragmentation (Windows):** For optimal performance of a mechanical hard disk drive (HDD), consider running disk defragmentation periodically. This reorganizes fragmented data, improving access speeds. (Note: This is not necessary for Solid State Drives (SSDs)).
- **Cleaning:** Use a soft, dry cloth to clean the exterior of the drive. Avoid abrasive cleaners or solvents.

## Small size

Only 12x8x1.4cm volume, Easy to carry when you go out



Image: The UnionSine HD2513 external hard drive, demonstrating its compact size and portability as it is placed into a bag.

## 6. TROUBLESHOOTING

### 6.1 Drive Not Recognized

- Ensure the USB cable is securely connected to both the drive and the computer.
- Try connecting the drive to a different USB port on your computer.
- Test the drive with a different USB cable, if available.
- Restart your computer and try connecting the drive again.
- Check your computer's Disk Management (Windows) or Disk Utility (macOS) to see if the drive is detected but uninitialized or unformatted.

### 6.2 Capacity Discrepancy

It is common for the reported capacity of a hard drive to appear slightly lower than its advertised capacity. This is due to different measurement standards used by manufacturers and operating systems:

- Manufacturers define 1GB = 1,000,000,000 bytes.

- Operating systems typically define 1GB = 1,073,741,824 bytes (1024^3 bytes).

For example, a 250GB drive (manufacturer's definition) will appear approximately as 232GB on your computer.

### 6.3 Slow Transfer Speeds

- Ensure the drive is connected to a USB 3.0 port on your computer. Connecting to a USB 2.0 port will limit speeds to USB 2.0 standards.
- Verify that your computer's USB 3.0 drivers are up to date.
- Avoid transferring many small files simultaneously, as this can be slower than transferring a few large files.
- Close other applications that might be heavily using system resources or other storage devices during transfer.

## 7. SPECIFICATIONS

Detailed technical specifications for the UnionSine HD2513 250GB External Hard Drive:

|                                   |   |
|-----------------------------------|---|
| <b>Brand</b>                      | UnionSine                                   |
| <b>Model Number</b>               | HD2513 (Item model number: 630808446757)    |
| <b>Digital Storage Capacity</b>   | 250 GB                                      |
| <b>Hard Disk Description</b>      | Mechanical Hard Disk (HDD)                  |
| <b>Hard Disk Form Factor</b>      | 2.5 Inches                                  |
| <b>Hard Disk Rotational Speed</b> | 5400 RPM                                    |
| <b>Hard Drive Interface</b>       | USB 2.0/3.0                                 |
| <b>Connectivity Technology</b>    | USB   |
| <b>Compatible Devices</b>         | Desktop, Gaming Console, Laptop, Television |
| <b>Colour</b>                     | Black                                       |
| <b>Special Feature</b>            | Compact                                     |
| <b>Product Dimensions (LxWxH)</b> | 11.6 x 8 x 1.3 cm                           |
| <b>Item Weight</b>                | 222 g                                       |

# Size parameters

Thanks to the sophisticated design,  
make it as small as possible

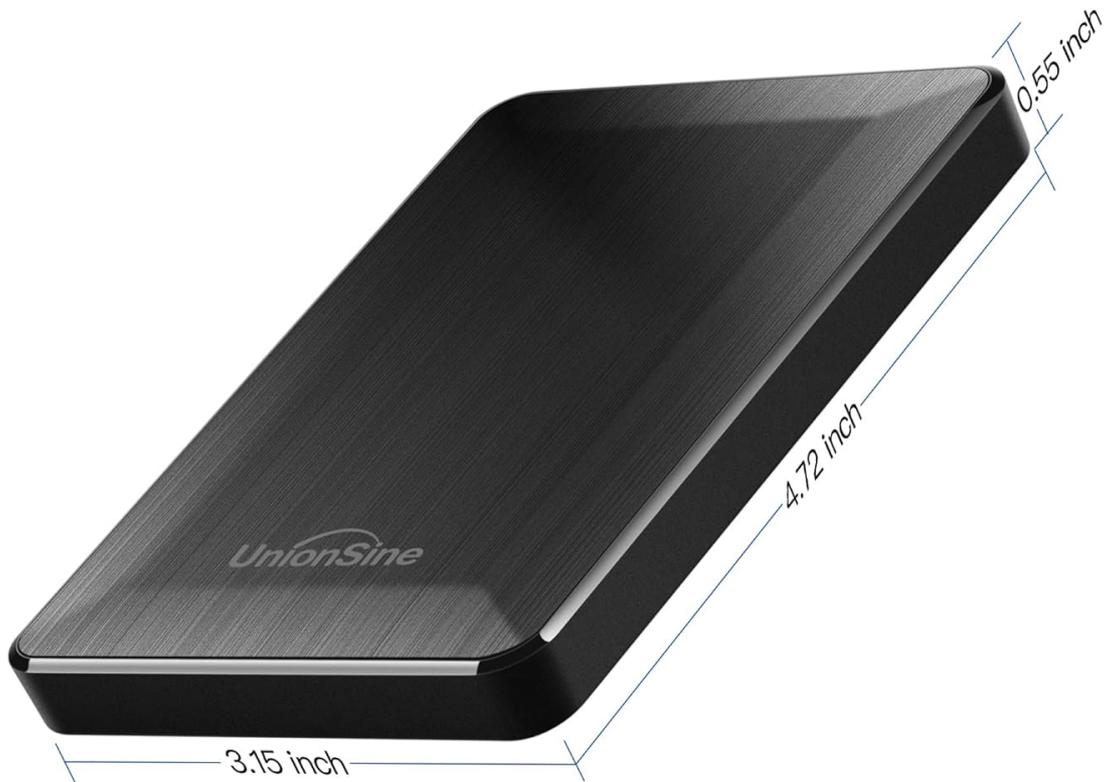


Image: The UnionSine HD2513 external hard drive, highlighting its compact dimensions: 3.15 inches width, 4.72 inches length, and 0.55 inches thickness.

## 8. WARRANTY AND SUPPORT

The UnionSine HD2513 Portable External Hard Drive comes with a **3-year manufacturer's warranty**. For technical support or warranty claims, please refer to the contact information provided with your purchase documentation or visit the official UnionSine website.