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› UnionSine HD3510 3.5" 12TB USB 3.2 Gen2 Type-C External Hard Drive User Manual

UnionSine HD3510

UnionSine HD3510 3.5" 12TB USB 3.2 Gen2 Type-C External Hard Drive User Manual

Model: HD3510 | Brand: UnionSine

INTRODUCTION

This manual provides essential instructions for the setup, operation, and maintenance of your UnionSine HD3510 3.5" 12TB USB 3.2 Gen2 Type-C External Hard Drive. Please read this manual carefully before using the product to ensure optimal performance and longevity.

PACKAGE CONTENTS

Before proceeding, please verify that all items are present in the package:

- UnionSine HD3510 External Hard Drive
- Power Adapter
- 1.2m Data Cable (USB-C)
- User Manual (this document)

SETUP INSTRUCTIONS

Follow these steps to set up your external hard drive:

1. **Connect Power:** First, connect the provided power adapter to the hard drive's power input port and then plug it into a wall outlet. Ensure the power connection is secure.
2. **Connect Data Cable:** Connect one end of the 1.2m USB-C data cable to the USB-C port on the hard drive.
3. **Connect to Device:** Connect the other end of the USB-C data cable to a compatible USB 3.2 Gen2 Type-C port on your PC, Mac, Desktop, Laptop, MacBook, or TV.
4. **Power On:** The hard drive should power on automatically. The LED indicator on the front will illuminate.
5. **Initialization (First Use):**
 - For Windows: The drive should appear in 'This PC' or 'My Computer'. If not, open 'Disk Management' to initialize and

format the drive if it's new or unformatted. The drive is typically pre-formatted to NTFS.

- For Mac: The drive should appear on your desktop or in Finder. If not, use 'Disk Utility' to initialize and format the drive (e.g., to APFS or HFS+ for optimal Mac compatibility).
- For TV/Gaming Consoles: Refer to your device's manual for instructions on connecting and formatting external storage.

USB 3.2 Gen2 Compatibility

Universal USB 3.2 Gen2 interface
compatible with multiple devices
Game console / Player / TV / Server



Image: The rear of the UnionSine HD3510 external hard drive showing the USB 3.2 Gen2 Type-C port and the power input port, with cables connected. This illustrates the correct connection method for power and data.

OPERATING INSTRUCTIONS

The UnionSine HD3510 is designed for high-speed data transfer and reliable storage across various platforms.

Data Transfer

Once connected and recognized by your system, you can drag and drop files to and from the drive, or use your operating system's copy/paste functions. The USB 3.2 Gen2 interface supports theoretical speeds up to 10 GB/s, with actual read/write speeds up to 160 MB/s - 284 MB/s depending on capacity and system configuration.

Private server

Equivalent to your private server

Mass storage space,
can store a large number of data files,
whether it is life or office,
provide you with safe and reliable storage



Image: The UnionSine HD3510 external hard drive positioned next to a desktop computer monitor, illustrating its use as a "Private Server" for mass storage and data backup.



Super fast transmission speed

160MB/s

Ultra-fast transmission speed saves time during
Stable and fast

Image: A visual representation of the UnionSine HD3510 external hard drive with an overlay indicating "Super fast transmission speed 160MB/s", emphasizing its high-speed data capabilities.

Compatibility

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

- **Operating Systems:** Windows, Mac, Linux, Android
- **Devices:** PC, Desktop, Laptop, MacBook, TV, PS4, Xbox, DVD players
- **Specific Uses:** 8K video storage, TV recording, game storage, personal computing, entertainment.



Image: The UnionSine HD3510 external hard drive placed next to a television, highlighting its function as a "Media storage" device for 4K HD multimedia, video, and audio files.

MAINTENANCE AND CARE

Proper care ensures the longevity and reliability of your hard drive.

Heat Dissipation

The UnionSine HD3510 features three-sided concave cooling holes designed for rapid heat dissipation. This helps maintain stable performance and extends the drive's lifespan. Ensure these vents are not obstructed during operation.

Three-sided concave cooling hole

Multi-faceted cooling function

Concave type heat sink can stabilize the smooth performance of working for a long time without lagging
Vertical use and flat use do not affect heat dissipation

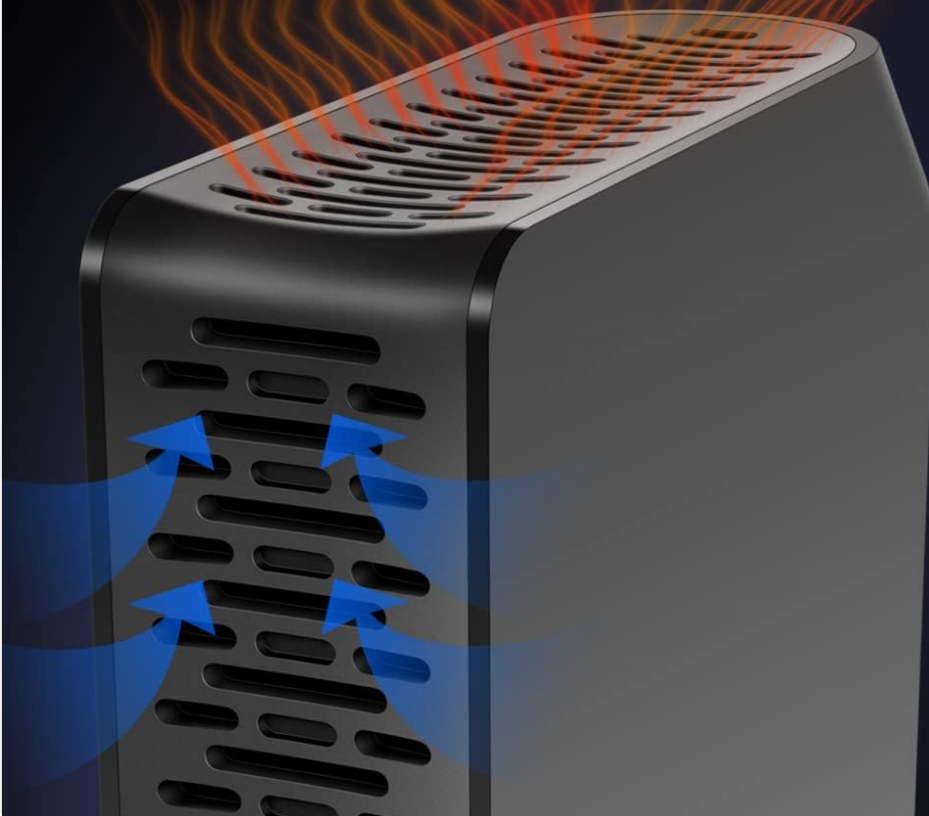


Image: A close-up view of the UnionSine HD3510 external hard drive, highlighting its "Three-sided concave cooling hole" design for efficient heat dissipation.

Anti-Vibration Design

The internal structure includes anti-vibration silicone to reduce noise and protect the mechanical components. Additionally, the base features non-slip pads to prevent accidental movement and enhance stability.



Anti-slip design

Add non-slip pad at the bottom

Multiple protection of data

In order to avoid falling caused by sliding, use a soft silicone non-slip mat on the bottom

Image: The bottom view of the UnionSine HD3510 external hard drive, showing the "Anti-slip design" with soft silicone non-slip pads to prevent falling and ensure data protection.

General Care

- Avoid exposing the drive to extreme temperatures, humidity, or direct sunlight.
- Do not drop or subject the drive to strong impacts.
- Always safely eject the drive from your operating system before disconnecting it to prevent data corruption.
- Keep the drive clean by wiping it with a soft, dry cloth.

TROUBLESHOOTING

If you encounter issues with your UnionSine HD3510, refer to the following common solutions:

- **Drive Not Recognized:**
 - Ensure the power adapter is securely connected and the drive is powered on.
 - Verify the USB-C data cable is properly connected to both the drive and your device.
 - Try connecting to a different USB port on your computer or device.
 - Check 'Disk Management' (Windows) or 'Disk Utility' (Mac) to see if the drive is detected but uninitialized or unformatted.
 - Ensure your device's USB port supports the drive (USB 3.2 Gen2 Type-C recommended).
- **Slow Transfer Speeds:**
 - Ensure you are connected to a USB 3.2 Gen2 or at least a USB 3.0 port. Older USB 2.0 ports will result in significantly slower speeds.
 - Check the quality of your USB-C cable. Use the provided cable or a high-quality replacement.
 - Close other applications that might be using system resources or performing background transfers.
- **Unusual Noises:**
 - A slight humming or whirring sound is normal for mechanical hard drives.
 - Loud clicking, grinding, or repetitive beeping sounds may indicate a potential issue. Safely eject the drive and contact support if these sounds persist.
- **Drive Disconnects Randomly:**
 - Ensure the power supply is stable and not interrupted.
 - Check for loose cable connections.
 - Disable USB selective suspend settings in your operating system's power options (Windows).

SPECIFICATIONS

Feature	Detail
Brand	UnionSine
Model Number	HD3510
Digital Storage Capacity	12 TB
Hard Drive Interface	USB 3.2 Gen2 Type-C (backward compatible with USB 2.0/3.0)
Internal Interface	SATA 6.0 Gb/s
Connectivity Technology	USB
Special Feature	Shock Resistant
Hard Drive Form Factor	3.5 Inches
Hard Drive Type	Mechanical Hard Drive (HDD)
Compatible Devices	TV, PS4, Xbox, Windows, Mac, Linux, Android, DVD
Installation Type	External Hard Drive
Color	Black

Feature	Detail
Rotational Speed	7200 RPM
Specific Uses	Personal Computing, Entertainment, Gaming
Read Speed	Up to 284 MB/s (as per feature bullets)
Write Speed	Up to 284 MB/s (as per feature bullets)
Casing Material	Aluminum
Item Weight	940 Grams

WARRANTY INFORMATION

The UnionSine HD3510 External Hard Drive comes with a **6-year warranty**. Please retain your proof of purchase for warranty claims. For detailed terms and conditions, refer to the warranty card included in your package or contact UnionSine customer support.

SUPPORT AND CONTACT

For technical assistance, product inquiries, or warranty service, please contact UnionSine customer support.

- **Website:** www.unionsine.com
- **Manufacturer Address:** A205 Changjiang building, 254 Jihua Road, Jihua Street, Longgang District, Shenzhen, Guangdong, CN



Image: The product packaging for the UnionSine HD3510, displaying the official website (www.unionsine.com) and manufacturer's address for support and information.