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› [Zalman ZM-VE350 USB 3.0 External 2.5" Hard Drive Enclosure With Built-In Virtual CD Emulator ZM-V350B User Manual](#)

Zalman ZM-VE350 (SILVER)

Zalman ZM-VE350 USB 3.0 External 2.5" Hard Drive Enclosure User Manual

Model: ZM-VE350 (SILVER)

1. PRODUCT OVERVIEW

The Zalman ZM-VE350 is a versatile external enclosure designed for 2.5-inch SATA I/II/III HDDs and SSDs. It features a USB 3.0 interface for high-speed data transfer and includes a built-in virtual CD emulator, allowing it to function as a virtual optical drive for convenient booting from ISO files. Its aluminum body provides durability and efficient heat dissipation, while the intuitive menu system ensures ease of use for all users. The device also incorporates a one-touch backup function and a safe removal feature to protect your data.



Figure 1.1: The Zalman ZM-VE350 external hard drive enclosure.

2. SETUP AND INSTALLATION

2.1 Package Contents

Before beginning installation, please verify that all components are present in the package:

- Zalman ZM-VE350 Enclosure
- Protective Pouch
- Screws (2 pcs) & Screwdriver
- USB 3.0 Cable
- Quick Guide

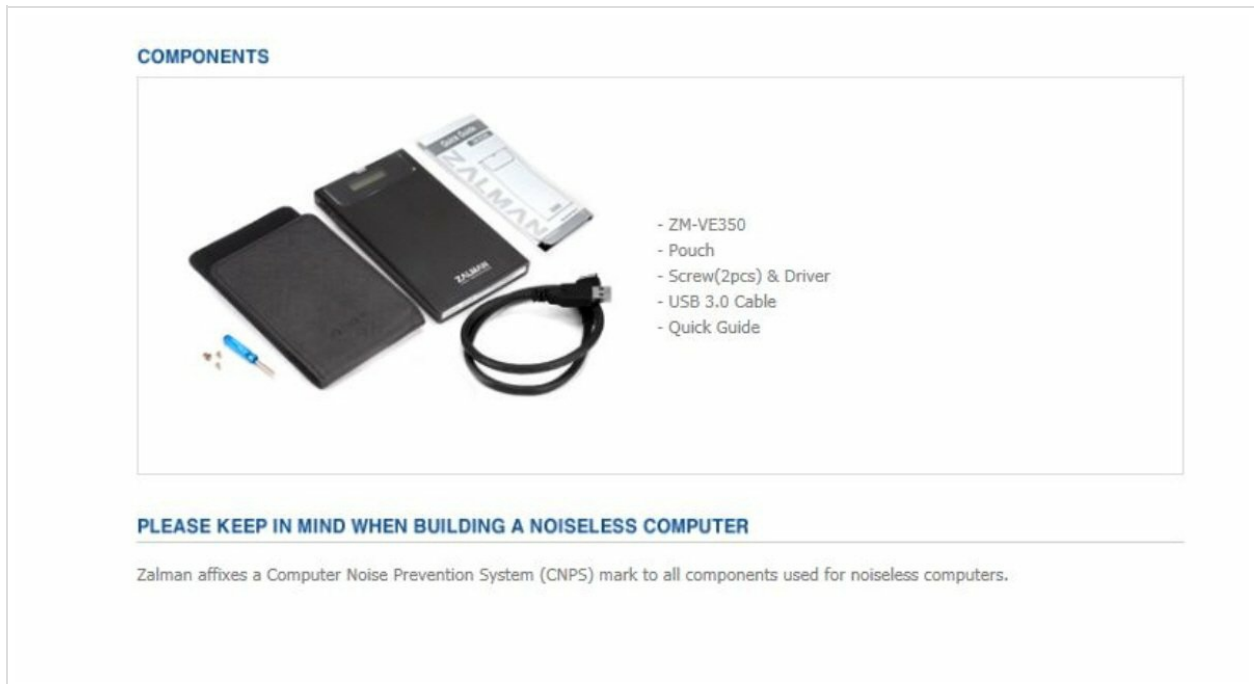


Figure 2.1: Included components of the ZM-VE350 package.

2.2 Hardware Installation (HDD/SSD)

1. Carefully open the ZM-VE350 enclosure.
2. Connect your 2.5-inch SATA I/II/III HDD or SSD to the internal SATA connector within the enclosure. Ensure a firm connection.
3. Secure the drive inside the enclosure using the provided screws and screwdriver.
4. Close the enclosure securely.



Figure 2.2: Illustration of 2.5" SATA HDD compatibility and internal connection.

2.3 Connecting to a Computer

The ZM-VE350 is designed for plug-and-play operation. Once a hard drive is installed:

1. Connect the ZM-VE350 to your computer using the supplied USB 3.0 cable.
2. The hardware will be automatically recognized by your operating system (Windows 2000, XP, Vista, 7, 8, 8.1 / Mac OS / Linux) without requiring additional driver installation.

3. OPERATING INSTRUCTIONS

3.1 Data Transfer

The ZM-VE350 utilizes a USB 3.0 interface, providing high-speed data transfer rates up to 5Gbps. For optimal performance, connect the enclosure to a USB 3.0 port on your computer. It is also backward compatible with USB 2.0 and USB 1.1 ports, though at reduced speeds.

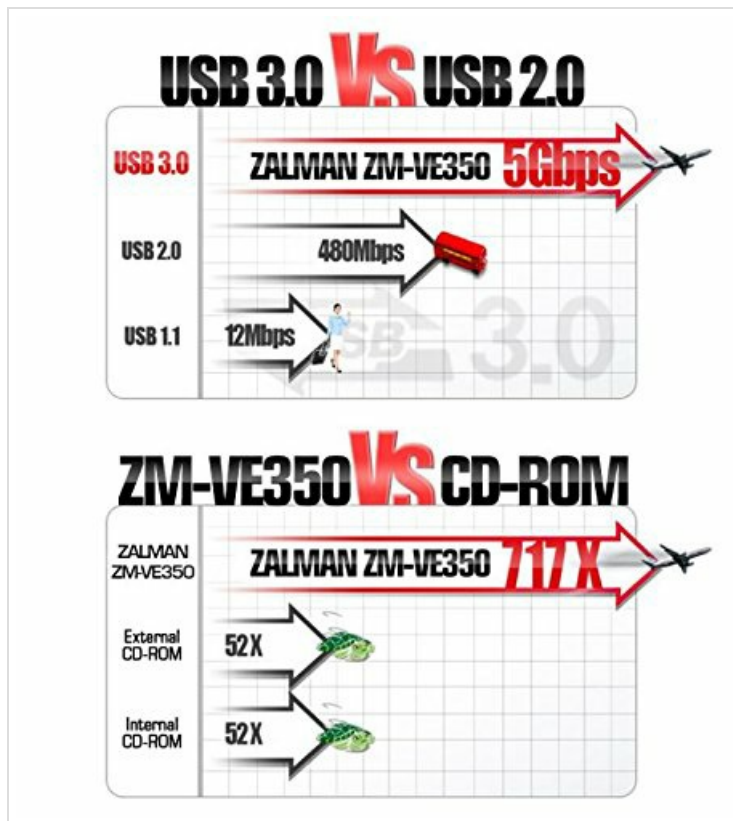


Figure 3.1: USB 3.0 vs. USB 2.0 speed comparison.

3.2 Virtual ODD Function

The ZM-VE350 can emulate an optical disc drive (CD-ROM, DVD, Blu-ray) using ISO image files. This feature is particularly useful for convenient system booting or software installation without a physical disc drive.

- Store your ISO files in a designated folder on the installed hard drive.
- Navigate through the enclosure's intuitive menu system (displayed on the built-in screen) to select the desired ISO file.
- Once selected, the enclosure will present itself to the computer as a virtual optical drive containing the chosen ISO.



Figure 3.2: Virtual ODD display and menu navigation.

3.3 One-Touch Backup and Safe Removal

The ZM-VE350 features a convenient button for both one-touch backup and safe power off:

- **One-Touch Backup:** Pressing the button once will automatically copy files to a pre-selected folder on the internal drive. Refer to the quick guide for initial setup of the backup folder.
- **Safe Removal:** Pressing and holding the button for more than 3 seconds will automatically power off the enclosure. This allows for safe removal of the external hard drive without risking data corruption.

4. MAINTENANCE

4.1 Care and Handling

To ensure the longevity and optimal performance of your ZM-VE350 enclosure:

- Keep the device clean by wiping it with a soft, dry cloth. Avoid liquid cleaners.
- The aluminum alloy body is designed to be robust and dissipate heat, but avoid exposing it to extreme temperatures or direct sunlight.
- Utilize the provided leather pouch for additional protection during travel or storage to prevent scratches and minor impacts.
- Avoid dropping the device or subjecting it to strong vibrations, as this can damage the internal hard drive.

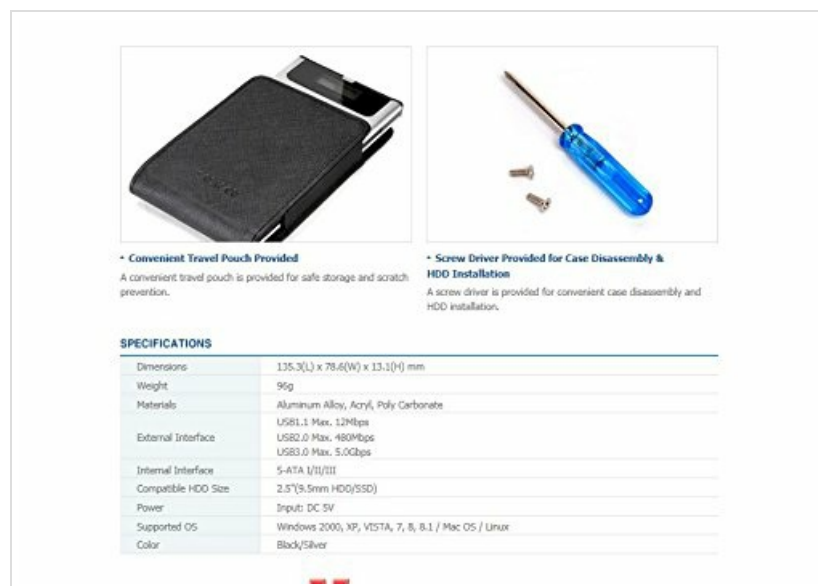


Figure 4.1: Convenient travel pouch for protection.

5. TROUBLESHOOTING

5.1 Common Issues and Solutions

- **Device not recognized by computer:**
 - Ensure the USB cable is securely connected to both the enclosure and the computer's USB port.
 - Try connecting to a different USB port on your computer.

- Verify that the internal 2.5" HDD/SSD is properly seated and connected within the enclosure.
- Test the enclosure with a different USB cable if available.

- **Slow data transfer speeds:**

- Ensure you are connected to a USB 3.0 port on your computer for maximum speed. USB 2.0 or 1.1 ports will result in slower transfers.
- Check if the USB 3.0 cable is functioning correctly.
- Verify the health and speed of the internal HDD/SSD.

- **Virtual ODD function not working:**

- Ensure the ISO file is not corrupted and is stored in the correct directory on the internal drive as per the quick guide instructions.
- Confirm that the correct ISO file is selected via the enclosure's menu.
- Restart the enclosure and reconnect it to the computer.

- **Enclosure does not power off with safe removal button:**

- Ensure no active data transfers or file operations are occurring.
- Hold the button for the specified duration (more than 3 seconds).

6. SPECIFICATIONS

Dimensions	135.3(L) x 78.6(W) x 13.1(H) mm
Weight	96g
Materials	Aluminum Alloy, Acryl, Poly Carbonate
External Interface	USB 3.0, USB 2.0, USB 1.1
Internal Interface	S-ATA I/II/III
Compatible HDD Size	2.5" HDD/SSD
Power Input	DC 5V
Supported OS	Windows 2000, XP, Vista, 7, 8, 8.1 / Mac OS / Linux
Color	Black/Silver

7. WARRANTY AND SUPPORT

7.1 Warranty Information

This product comes with a 0-year warranty. Please retain your proof of purchase for any warranty claims.

7.2 Customer Support

For further assistance, technical support, or inquiries not covered in this manual, please refer to the official Zalman website or contact their customer service department. Contact information can typically be found on the manufacturer's website or the product packaging.