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› cenmate 5250DVD-HUB 5.25 inch Blu-Ray/CD/DVD SATA Drive Enclosure User Manual

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1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your cenmate 5250DVD-HUB 5.25 inch Blu-Ray/CD/DVD SATA Drive Enclosure. This enclosure allows you to connect a standard 5.25-inch SATA optical drive (Blu-Ray, CD, or DVD) externally to your computer via USB 3.0, expanding your system's media capabilities. It also features three additional USB 3.0 Type-A ports for connecting other peripherals.

Optical drive NOT included, NOT support IDE Plug and play, no drivers needed



Figure 1: cenmate 5.25 inch drive enclosure in use. Note that the optical drive is not included.

2. PACKAGE CONTENTS

Please verify that all items listed below are included in your package:

- 1 x cenmate 5.25 inch Drive Enclosure
- 1 x USB A/C 3.0 Cable
- 1 x Power Adapter
- 1 x User Manual (this document)
- Screws and plastic foot pads for installation

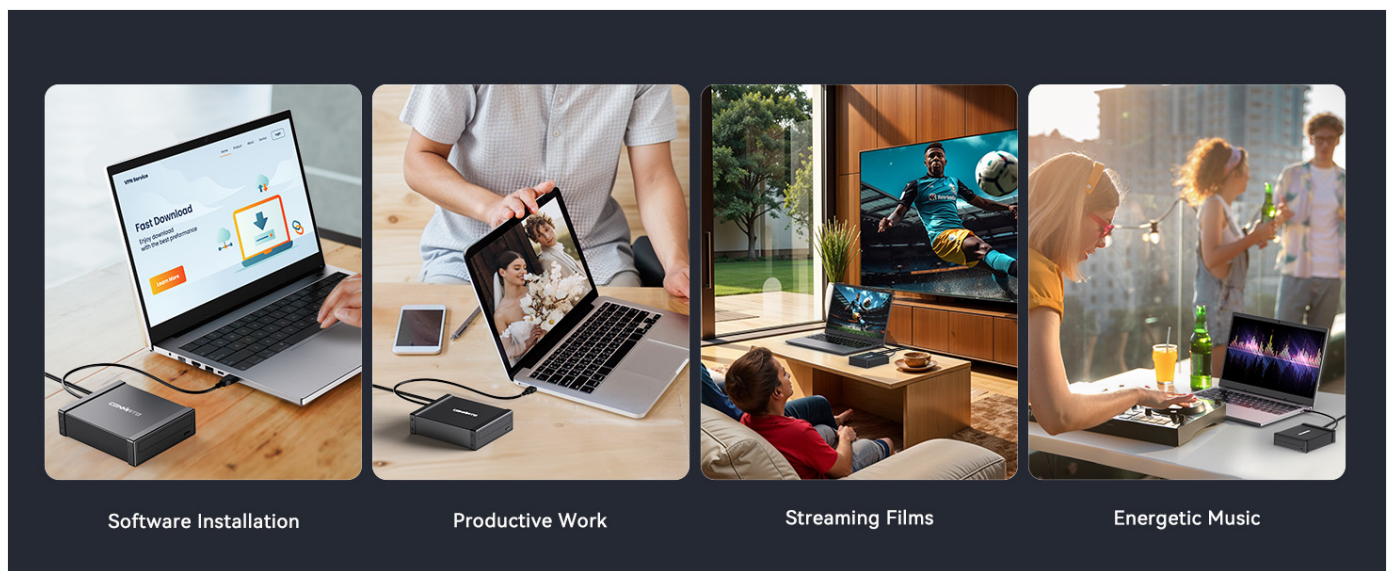


Figure 2: All components included in the cenmate 5250DVD-HUB package.

3. PRODUCT FEATURES

- **5.25 inch Drive Compatibility:** Designed for 5.25" Blu-Ray/CD/DVD drives with SATA protocol interface. Supports drive depths up to 171mm. *Note: Does not support IDE protocol interface.*
- **Plug and Play:** No drivers needed for most operating systems.
- **USB 3.0 Connectivity:** Equipped with a USB 3.0 output interface, offering data transfer speeds up to 5Gbps.
- **Integrated USB Hub:** Features three additional USB 3.0 Type-A ports for connecting external devices.
- **Durable Construction:** Casing made of aluminum alloy to reduce heat, noise, and vibration.
- **Hot Swappable:** Supports hot swapping for enhanced convenience during data transfer.
- **Multi-system Compatibility:** Compatible with Windows, macOS, and Linux operating systems.

Multi-system Compatibility



Figure 3: The enclosure is compatible with multiple operating systems.

4. SETUP GUIDE

4.1 Installing the Optical Drive

1. **Prepare the Enclosure:** Ensure the enclosure is powered off and disconnected from your computer.
2. **Remove Side Screws:** Locate and remove the screws on both sides of the enclosure's outer frame. Carefully detach the outer frame.
3. **Insert Optical Drive:** Gently slide your 5.25-inch SATA optical drive into the enclosure. Ensure the drive's SATA interface aligns correctly with the enclosure's internal connector. Apply gentle, even pressure until the drive is fully seated.
4. **Secure the Drive:** Once the drive is inserted, align the screw holes on the bottom of the enclosure with those on your optical drive. Use the provided screws to secure the drive in place. If your optical drive does not have bottom screw holes, it can still be used normally but cannot be physically secured within the enclosure.

5. **Reattach Outer Frame:** Place the outer frame back onto the enclosure and secure it with the screws removed in step 2.
6. **Apply Foot Pads:** (Optional) Attach the provided plastic foot pads to the bottom of the enclosure for stability and to prevent scratching surfaces.

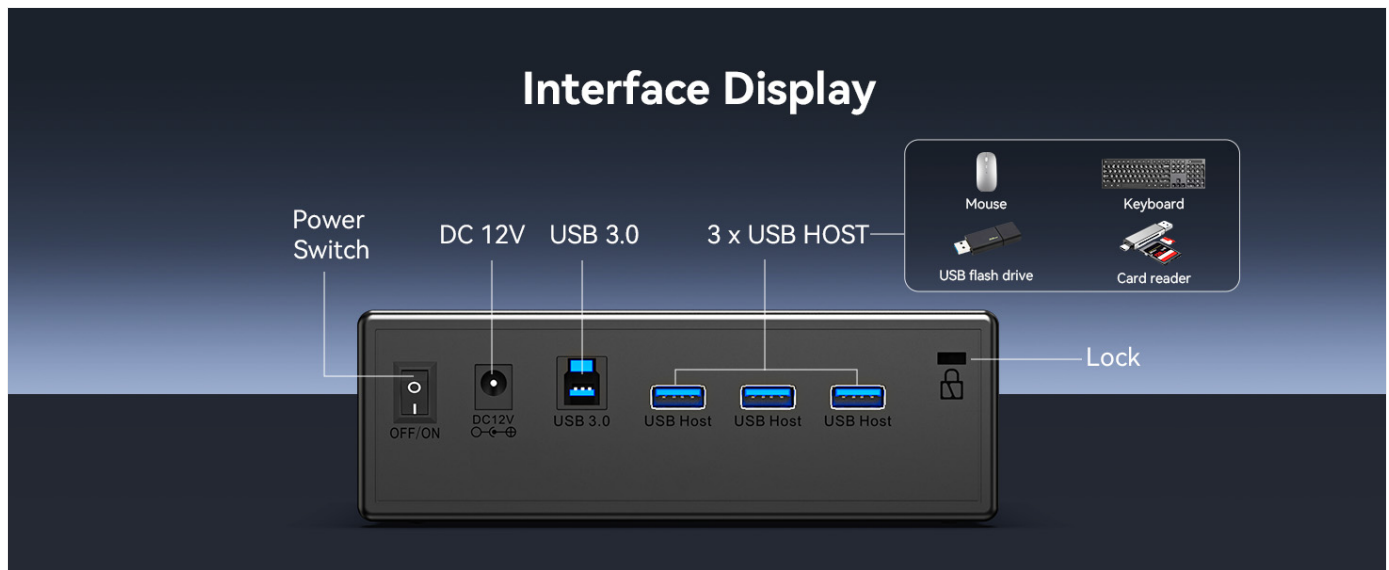


Figure 4: Visual guide for optical drive installation.

Installation Video Guide

Video 1: This video demonstrates the process of installing a 5.25 inch optical drive into the cenmate enclosure, including securing it with screws and attaching foot pads.

4.2 Connecting to Your Computer

1. **Connect Power:** Plug the power adapter into the DC 12V port on the back of the enclosure, then connect it to a power outlet.
2. **Connect USB Cable:** Use the provided USB A/C 3.0 cable to connect the enclosure's USB 3.0 port to an available USB port on your computer.
3. **Power On:** Flip the power switch on the back of the enclosure to the 'ON' position. The device should be recognized by your computer automatically.

Interface Display

Supports Hot Swappable



Figure 5: Rear interface display of the cenmate 5250DVD-HUB.

5. OPERATING INSTRUCTIONS

5.1 Basic Optical Drive Operation

Once connected and powered on, your computer should detect the optical drive within the enclosure. You can then use it like any internal optical drive to:

- Install software from CDs/DVDs.
- Listen to music from audio CDs.
- Watch films from DVDs or Blu-Ray discs.
- Burn data to blank discs (if your installed optical drive supports writing).



Figure 6: Common applications for the optical drive enclosure.

5.2 Using the USB Hub

The three additional USB 3.0 Type-A ports on the back of the enclosure function as a USB hub. You can connect various USB devices such as flash drives, keyboards, mice, or other peripherals to these ports.

5.3 Hot Swappable Functionality

The enclosure supports hot swapping, meaning you can connect or disconnect the device from your computer without needing to restart the computer, enhancing convenience and efficiency for data transfer processes.

6. MAINTENANCE

To ensure the longevity and optimal performance of your cenmate 5250DVD-HUB enclosure:

- Keep the device clean and free from dust. Use a soft, dry cloth for cleaning.
- Avoid exposing the enclosure to extreme temperatures, humidity, or direct sunlight.

- Do not place heavy objects on top of the enclosure.
- Ensure proper ventilation to prevent overheating, although the aluminum alloy casing is designed to dissipate heat efficiently.

Made of aluminum alloy, reduces heat, noise, and vibration.



Figure 7: The aluminum alloy construction aids in heat dissipation and durability.

7. TROUBLESHOOTING

- **Drive Not Recognized:**
 - Ensure the power adapter is securely connected and the power switch is ON.
 - Verify the USB cable is properly connected to both the enclosure and your computer.
 - Check if the optical drive is correctly seated within the enclosure and its SATA interface is aligned.
 - Try connecting to a different USB port on your computer.
 - Test the enclosure with a different optical drive if available, or test your optical drive in another compatible device to isolate the issue.

- **Slow Data Transfer:**
 - Ensure you are connected to a USB 3.0 port on your computer for optimal speeds. USB 2.0 ports will result in slower transfer rates.
 - Verify the USB cable is a USB 3.0 compatible cable.
- **Disc Read Errors:**
 - Ensure the disc is clean and free from scratches or smudges.
 - Check if the optical drive itself is functioning correctly.
- **Installation Alignment Issues:**
 - If screw holes do not align during installation, gently adjust the optical drive's position within the casing. Optical drives without screw holes on the side can still be used normally, but cannot be secured in place.

8. SPECIFICATIONS

Feature	Description
Model Number	5250DVD-HUB
Compatibility	5.25" Blu-Ray/CD/DVD SATA Optical Drives (Optical drive not included)
Interface	USB 3.0 (backward compatible with USB 2.0)
Data Transfer Rate	Up to 5Gbps (USB 3.0)
Additional Ports	3 x USB 3.0 Type-A Host Ports
Material	Aluminum Alloy
Operating System	Windows, macOS, Linux
Item Dimensions (LxWxH)	7.48 x 5.91 x 1.89 inches
Item Weight	1.08 pounds
Power Input	DC 12V (via included power adapter)

9. WARRANTY INFORMATION

Specific warranty details for the cenmate 5250DVD-HUB enclosure are not provided within this manual. For information regarding warranty coverage, terms, and conditions, please refer to the product packaging, the manufacturer's official website, or contact cenmate customer support directly.

10. CUSTOMER SUPPORT

If you encounter any issues or have questions not covered in this manual, please contact cenmate customer support through the retailer where you purchased the product or visit the official cenmate website for assistance.

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

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for 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