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cenmate 4 Bay No Raid

cenmate 4 Bay Hard Drive Enclosure User Manual

Model: 4 Bay No Raid

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your cenmate 4 Bay Hard Drive Enclosure. This device is designed to house up to four 2.5-inch or 3.5-inch SATA HDDs/SSDs, providing external storage with high-speed data transfer capabilities. It supports a maximum total capacity of 80TB (20TB per drive) and connects via USB 3.0 or eSATA. This enclosure does not support RAID or NAS functionalities.



Image 1.1: Front view of the cenmate 4 Bay Hard Drive Enclosure, showing four drive bays with blue accents.

2. PACKAGE CONTENTS

Verify that all items are present in the package:

- 1 x cenmate 4 Bay Hard Drive Enclosure
- 1 x USB A/C Cable
- 1 x eSATA Cable
- 1 x Power Adapter (DC 12V)
- 1 x User Manual (this document)

3. SETUP

3.1 Drive Installation

1. Gently pull the drive tray out from the enclosure.
2. For 3.5-inch HDDs, align the drive with the tray and slide it in. The screwless design secures the drive.
3. For 2.5-inch HDDs/SSDs, place the drive into the tray and secure it using the provided screws.
4. Slide the loaded tray back into the enclosure until it clicks into place.

80TB Large Capacity



2.5"/3.5"
SATA HDD/SSD



20TB
MAX UP TO
20TB X 4

80 TB



Image 3.1: Illustration of hard drives being inserted into the enclosure bays, highlighting the 80TB total capacity.



CENMATE

Screwless installation

(Tool-less installation for 3.5" inch)

Non-slip feet



OTHER

Screw secure, extremely cumbersome

No anti-slip feet, easy to drop the product

Image 3.2: Detail showing the screwless installation for 3.5-inch drives and the non-slip feet at the bottom of the enclosure.

3.2 Connecting to a Computer

1. Connect one end of the provided USB A/C 3.0 cable or eSATA cable to the corresponding port on the back of the enclosure.
2. Connect the other end of the cable to an available USB 3.0 port (Type-A or Type-C) or eSATA port on your computer.

Plug and play Wide compatibility



Image 3.3: The enclosure connected to various devices, illustrating its wide compatibility with Windows, Mac OS, and Linux systems.

3.3 Power Connection

1. Connect the DC 12V power adapter to the power input port on the back of the enclosure.
2. Plug the power adapter into a standard electrical outlet.

DC 12V

Ensure the stable power supply
Provide safe data transfer environment



Image 3.4: The enclosure receiving power from a DC 12V adapter, ensuring stable operation.

4. OPERATING INSTRUCTIONS

4.1 Powering On/Off

Once the power adapter is connected and the enclosure is connected to your computer, the device will power on automatically. To power off, safely eject the drives from your operating system first, then disconnect the power adapter.

4.2 LED Indicators

Each drive bay has an LED indicator to show its status:

- **Blue (Solid):** Indicates standby mode or a drive is present and idle.
- **Red (Flashing):** Indicates active data reading or writing to the drive.

Wide Compatibility

Compatible Devices



Support 2.5"/3.5"
SATA HDD/SSD

Image 4.1: The LED indicators on the front of the enclosure, showing blue for standby and red for active data transfer.

4.3 Data Transfer

The enclosure utilizes a USB 3.0 interface, providing data transfer speeds of up to 5Gbps. This allows for rapid transfer of large files. Actual speeds may vary based on your computer's hardware, operating system, and the performance of the installed hard drives.

MAX 5Gbps

Transfer data in seconds



Image 4.2: Visual representation of the enclosure's 5Gbps data transfer capability.

4.4 Compatibility

The cenmate 4 Bay Hard Drive Enclosure is compatible with Windows 7 and above, Mac OS 9.1 and above, and Linux operating systems. It is plug-and-play, requiring no additional drivers for basic functionality.

5. MAINTENANCE

5.1 Cleaning

To maintain optimal performance, periodically clean the exterior of the enclosure with a soft, dry cloth. Ensure the device is powered off and disconnected from all cables before cleaning. Avoid using liquid cleaners or abrasive materials.

5.2 Cooling Fan

The enclosure features a built-in 2-inch cooling fan to help dissipate heat from the installed drives. Ensure the fan vents on the back of the unit are not obstructed to allow for proper airflow. The fan operates at a noise level of approximately 40-50 decibels. If you are sensitive to noise, consider the placement of the enclosure.

Upgraded Built-in Cooling Fan and Aluminum housing

NOTE: Fan noise is around 40-50 decibels
not recommended if you are very sensitive to noise



Image 5.1: Internal view highlighting the cooling fan designed to maintain optimal operating temperatures for the drives.

6. TROUBLESHOOTING

- **Drives Not Detected:**

- Ensure all cables (USB/eSATA and power) are securely connected.
- Verify that the drives are properly seated in their trays and the trays are fully inserted into the enclosure.
- Check if the drives are initialized and formatted in your operating system's Disk Management (Windows) or Disk Utility (Mac).
- Try connecting the enclosure to a different USB/eSATA port or computer.

- **Slow Data Transfer:**

- Ensure you are using a USB 3.0 compatible port on your computer. Connecting to a USB 2.0 port will result in slower speeds.
- The performance of the installed drives can affect transfer speeds.

- **Fan Noise:**

- The fan operates at 40-50 decibels. If the noise is excessive or unusual, ensure the fan vents are clear of obstructions.
- Note that hard drives themselves can generate operational noise, which is distinct from fan noise.

- **Drives Disconnecting/Dropping Out:**

- Ensure the power supply is stable. Use the provided DC 12V adapter.
- Avoid hot-swapping drives. While the enclosure is plug-and-play, inserting or removing drives while the unit is active may cause other connected drives to temporarily disconnect and remount, potentially disrupting data operations. It is recommended to safely eject all drives and power off the enclosure before adding or removing any drive.

7. SPECIFICATIONS

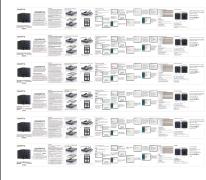
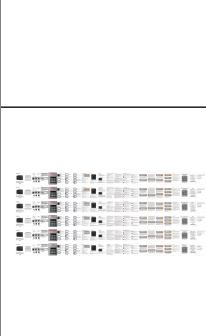
Feature	Detail
Model Number	4 Bay No Raid
Supported Drive Types	2.5" / 3.5" SATA HDD/SSD
Number of Bays	4
Maximum Capacity	80 TB (20 TB per drive)
Data Interface	USB 3.0, eSATA
Data Transfer Rate	Up to 5 Gbps (USB 3.0)
Cooling System	Built-in 2-inch Fan
Material	Aluminum-Alloy
Compatible Operating Systems	Windows 7+, Mac OS 9.1+, Linux
Power Supply	DC 12V Power Adapter
Product Dimensions	7.95 x 5.2 x 5.75 inches
Item Weight	1.37 Kilograms (3.01 pounds)

8. WARRANTY AND SUPPORT

cenmate provides technical support for this product. If you encounter any issues or have questions regarding the cenmate 4 Bay Hard Drive Enclosure, please do not hesitate to contact us. We aim to reply and resolve your problem within 24 hours.

For support, please refer to the contact information provided with your purchase or visit the official cenmate website.

Related Documents - 4 Bay No Raid

	<p>Cenmate 804PM6G 4-Bay Non-RAID Hard Drive Enclosure User Manual</p> <p>User manual for the Cenmate 804PM6G 4-bay non-RAID hard drive enclosure, detailing product specifications, installation steps, and troubleshooting.</p>
	<p>CENMATE 804U3-5G 4 Bay Hard Drive Enclosure User Manual</p> <p>This document provides product instructions and technical specifications for the CENMATE 804U3-5G 4 Bay Hard Drive Enclosure, including installation guides and troubleshooting tips.</p>
	<p>CENMATE 802RU 2-Bay RAID HDD Enclosure User Manual</p> <p>User manual for the CENMATE 802RU, a 2-bay RAID HDD enclosure supporting USB 3.0 to SATA connections. Includes setup, OS support, partitioning, formatting, and product specifications.</p>
	<p>Cenmate 804U3RAID3G 4-Bay External RAID Hard Drive Enclosure User Manual</p> <p>Comprehensive user manual for the Cenmate 804U3RAID3G 4-bay external RAID hard drive enclosure. Covers installation, setup, product specifications, various RAID levels (RAID 0, 1, 5, 10, JBOD, Clone, Normal), troubleshooting, and technical support. Supports 2.5/3.5 inch SATA HDDs and SSDs.</p>

 <p>2 Bay External Hard Drive RAID Enclosure for 2.5/3.5" SATA HDD/SSD PRODUCT INSTRUCTION Model: 802RU</p>	<p>CENMATE 802RU 2 Bay External Hard Drive RAID Enclosure User Manual</p> <p>This document provides product instructions and specifications for the CENMATE 802RU 2 Bay External Hard Drive RAID Enclosure for 2.5/3.5" SATA HDDs/SSDs. It covers features, installation, troubleshooting, and RAID level settings.</p>
 <p>8 Bay USB 3.0 5Gbps Type-C Hard Drive Enclosure(Non-RAID) Model: 808TC User Manual</p>	<p>CENMATE 808TC 8 Bay USB 3.0 Type-C Hard Drive Enclosure User Manual</p> <p>User manual for the CENMATE 808TC, an 8-bay USB 3.0 5Gbps Type-C hard drive enclosure. Features include tool-free installation, hot-swappable trays, and aluminum construction for cooling. Learn about setup, configuration, and troubleshooting.</p>