

cenmate 8 Bay

cenmate 8 Bay Hard Drive Enclosure User Manual

Model: 8 Bay

1. INTRODUCTION

The cenmate 8 Bay Hard Drive Enclosure is designed to provide reliable external storage for 2.5-inch and 3.5-inch SATA HDDs and SSDs. This Direct Attached Storage (DAS) solution supports a maximum capacity of 160TB (20TB per hard drive) and features tool-free installation for convenience. It connects via USB 3.0, offering high-speed data transfer, and includes an integrated cooling system to maintain optimal drive temperatures. This enclosure is not a RAID or NAS device.

2. PACKAGE CONTENTS

Please verify that all items are present in the package:

- 1 x cenmate 8 Bay Hard Drive Enclosure
- 1 x Power Adapter (DC 12V20A)
- 1 x USB A/C 3.0 Cable
- 1 x User Manual

3. SPECIFICATIONS

Brand	cenmate
Model	8 Bay
Material	Aluminum
Compatible Drive Types	2.5-inch / 3.5-inch SATA HDD/SSD
Max Capacity	160TB (20TB per drive)
Number of Bays	8
Interface	USB 3.0 (USB A/C compatible)

Data Transfer Rate	Up to 5Gbps
Cooling System	Two 2.7-inch built-in fans
Power Supply	DC 12V20A Power Adapter
Compatible Operating Systems	Windows, Mac OS 9.1/10 and higher, Linux
Product Dimensions	7.87 x 5.12 x 10.83 inches
Item Weight	2.05 Kilograms (4.51 pounds)

4. SETUP INSTRUCTIONS

4.1 Installing Hard Drives

1. Ensure the enclosure is powered off and disconnected from your computer.
2. Gently press the release button on the front of an empty drive bay and pull out the drive tray.
3. For 3.5-inch HDDs, align the drive with the tray and secure it using the tool-free clips. For 2.5-inch HDDs/SSDs, secure the drive to the bottom of the tray using screws (if provided). Ensure the drive is firmly seated.
4. Carefully slide the loaded drive tray back into the enclosure until it clicks into place.
5. Repeat for all desired hard drives.

Important Note: Before loading multiple drives, it is recommended to test each hard drive individually. Load one drive, power on the enclosure, and confirm it is recognized and functioning normally. Then, power off, load the next drive, and repeat the process. This helps identify any problematic drives before full installation.

4.2 Connecting to Your Computer

1. Connect the DC 12V20A power adapter to the enclosure's power input and then to a power outlet.
2. Connect one end of the provided USB A/C 3.0 cable to the enclosure's USB port and the other end to an available USB 3.0 port on your computer.
3. Flip the power switch on the back of the enclosure to the 'ON' position.



Figure 1: Plug and Play Connectivity. The enclosure is compatible with Windows, Mac OS, and Linux systems, requiring no additional drivers.



Figure 2: Stable 12V Power Supply. The dedicated power adapter ensures consistent power for high-speed data transmission.

The enclosure is plug-and-play, meaning no additional drivers are required for Windows, Mac OS, or Linux

operating systems.

5. OPERATING INSTRUCTIONS

5.1 Drive Recognition

Once powered on and connected, your operating system should detect the installed hard drives as individual storage devices. You may need to initialize and format new drives through your operating system's disk management utility before they can be used.

5.2 Data Transfer

The enclosure utilizes a USB 3.0 interface, providing data transfer speeds of up to 5Gbps. This allows for rapid file transfers, such as a 1GB movie in approximately 3-5 seconds.



Figure 3: High-Speed Data Transfer. Experience speeds up to 5Gbps with the USB 3.0 interface.

5.3 LED Indicators

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

- **Blue (Always On):** Indicates standby mode or power on.
- **Red (Flashing):** Indicates active reading or writing operations.



Figure 4: LED Indicator Status. Monitor drive activity with clear visual cues.

6. MAINTENANCE

6.1 Cooling System

The enclosure is constructed with aluminum alloy materials and includes two 2.7-inch cooling fans to help dissipate heat and maximize data security. The fan noise level is approximately 40-50 decibels. Users who are highly sensitive to noise should consider this characteristic.



Figure 5: Integrated Cooling Fans. Two fans work to maintain optimal operating temperatures for your drives.

6.2 Anti-Skid Pads

The enclosure is equipped with silicone anti-skid pads on its base. These pads are wear-resistant and skid-proof, providing stability and protecting the enclosure from damage due to movement.



Figure 6: Silicone Anti-skid Pads. These pads enhance stability and protect the enclosure.

7. TROUBLESHOOTING

7.1 Drive Not Recognized or Only One Drive Appears

If your operating system does not recognize all installed drives, or only a single drive is detected when multiple are installed, follow these steps:

1. Power off the enclosure and disconnect it from your computer.

2. Remove all hard drives from the enclosure.
3. Insert only one hard drive into a bay.
4. Power on the enclosure and connect it to your computer. Verify if this single drive is recognized and functioning correctly.
5. If the drive is recognized, power off the enclosure, remove the first drive, and insert the next drive. Repeat this process for each drive individually.
6. Continue this method until you identify any problematic hard drives that are not recognized or cause issues. A faulty drive can prevent other drives from being detected.
7. Once problematic drives are identified, replace them or address their issues before re-installing them into the enclosure.

7.2 Slow Data Transfer Speeds






If you experience slower than expected data transfer speeds:

- Ensure the enclosure is connected to a USB 3.0 port on your computer. Connecting to a USB 2.0 port will result in significantly lower speeds.
- Verify that the USB cable used is rated for USB 3.0 speeds.
- Check the health of your hard drives. Faulty or fragmented drives can impact performance.
- Ensure the power adapter is securely connected and providing stable power.

8. WARRANTY AND TECHNICAL SUPPORT

cenmate provides technical support for this product. If you encounter any questions or issues regarding your cenmate 8 Bay Hard Drive Enclosure, please do not hesitate to contact us. We are committed to replying and resolving your problem within 24 hours.

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

  <p>4 Bay Hard Drive Enclosure PRODUCT INSTRUCTION Model: 804U3-5G</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 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>3 Bay Hard Drive Enclosure PRODUCT INSTRUCTION Model: 803U3-5G</p>	<p>CENMATE 803U3-5G 3 Bay Hard Drive Enclosure User Manual and Installation Guide</p> <p>Detailed instructions and specifications for the CENMATE 803U3-5G 3 Bay Hard Drive Enclosure, covering installation, partitioning, formatting, features, and troubleshooting.</p>
  <p>6 Bay Hard Drive Enclosure PRODUCT INSTRUCTION Model: 806TC-10G</p>	<p>CENMATE 806TC-10G 6 Bay Hard Drive Enclosure Product Instruction</p> <p>Product instruction manual for the CENMATE 806TC-10G 6 Bay Hard Drive Enclosure, detailing installation, partitioning, formatting, specifications, troubleshooting, and manufacturer information.</p>
  <p>2 Bay External Hard Drive Enclosure for 2.5/3.5" SATA HDD/SSD PRODUCT INSTRUCTION Model: 802U3-5G</p>	<p>Cenmate 2 Bay External Hard Drive Enclosure 802U3-5G User Manual</p> <p>User manual and product instructions for the Cenmate 2 Bay External Hard Drive Enclosure for 2.5/3.5" SATA HDDs/SSDs, model 802U3-5G. Includes installation, partitioning, formatting, features, troubleshooting, and cautions.</p>



2 Bay External Hard Drive
Enclosure for 2.5/3.5" SATA HDD/SSD
PRODUCT INSTRUCTION Model: 802TC-10G

[CENMATE 802TC-10G 2 Bay External Hard Drive Enclosure User Manual](#)

User manual for the CENMATE 802TC-10G 2 Bay External Hard Drive Enclosure for 2.5/3.5" SATA HDDs/SSDs. Includes installation, partitioning, formatting, troubleshooting, and features.