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cenmate 4 Bay

CENMATE 4 Bay Hard Drive Enclosure

User Manual

1. Product Overview

The CENMATE 4 Bay Hard Drive Enclosure is a robust external storage solution designed for both individual and enterprise users. It supports up to four 2.5-inch or 3.5-inch SATA HDDs/SSDs, offering a maximum capacity of 80TB (20TB per drive). This enclosure provides high-speed data transfer and efficient cooling to ensure data security and reliable performance.

Front view of the CENMATE 4 Bay Hard Drive Enclosure, showcasing its four drive bays.

Key features include:

- **Large Capacity:** Supports up to 80TB total storage (20TB per drive) for extensive data archiving and management.
- **High-Speed Data Transfer:** Equipped with USB 3.0 interface, providing up to 5Gbps transfer speeds, significantly faster than USB 2.0.
- **Efficient Cooling:** Features an aluminum-alloy casing and a built-in 2-inch cooling fan to maintain optimal operating temperatures for your drives.
- **Tool-Free Installation:** Designed for easy, tool-free installation of 3.5-inch HDDs, and simple screw installation for 2.5-inch SSDs/HDDs.
- **Wide Compatibility:** Plug-and-play functionality with Windows 7 and above, Mac 9.1 and above, and Linux operating systems.
- **Stable Power Supply:** Includes a DC 12V power adapter for stable and reliable power delivery, crucial for high-speed data transmission.

2. What's in the Box

Upon unboxing your CENMATE 4 Bay Hard Drive Enclosure, please verify that all the following components are included:

- 1 x CENMATE 4 Bay Hard Drive Enclosure
- 1 x USB A/C 3.0 Cable
- 1 x Power Adapter (DC 12V)
- 1 x User Manual (this document)

3. Setup Guide

3.1. Installing Hard Drives

The enclosure supports both 3.5-inch HDDs and 2.5-inch SSDs/HDDs. Follow these steps for installation:

1. **For 3.5-inch HDDs (Tool-Free):**
    - Gently pull up the blue clasps on both sides of the drive tray.
    - Carefully insert your 3.5-inch HDD into the tray, ensuring it aligns with the SATA connectors. The clasps will secure the drive.
2. **For 2.5-inch SSDs/HDDs:**
    - Use a screwdriver to open the blue clasps on the side of the drive tray.
    - Place your 2.5-inch SSD/HDD into the tray.
    - Secure the drive to the tray using the provided screws.
3. Once the drive is secured in its tray, slide the tray into an available bay in the enclosure until it clicks into place.

Your browser does not support the video tag.

Video demonstrating the installation of 2.5-inch and 3.5-inch SATA HDDs/SSDs into the enclosure's trays, including the tool-free mechanism for 3.5-inch drives and screw installation for 2.5-inch drives.

3.2. Connecting to Your Computer

Connect one end of the provided USB A/C 3.0 cable to the USB 3.0 port on the back of the enclosure and the other end to an available USB 3.0 (or higher) port on your computer (laptop or desktop).

3.3. Powering On

Plug the DC 12V power adapter into the enclosure's power input port, then connect it to a power outlet. Flip the power switch on the back of the enclosure to the "ON" position. The enclosure will power on, and the drive indicator lights will illuminate.

4. Operating Instructions

4.1. Data Transfer

With the enclosure connected and powered on, your operating system should recognize the installed drives. You can now access, transfer, and manage your data at speeds up to 5Gbps. For optimal performance, ensure you are connected to a USB 3.0 or higher port on your computer.

The enclosure supports high-speed data transfer, allowing you to move large files quickly.

4.2. Hot-Swappable Feature

The CENMATE 4 Bay Hard Drive Enclosure supports hot-swapping of drives. This means you can insert or remove drives while the enclosure is powered on and connected to your computer, without needing to shut down the system. Always ensure that no data transfer is in progress to or from the drive you intend to remove to prevent data corruption.

4.3. LED Indicators

Each drive bay features an LED indicator to provide status information:

- **Blue (Solid):** Indicates standby mode or drive is idle.
- **Red (Flashing):** Indicates active data reading or writing.
- **Purple:** Indicates a hard drive problem or error.

Understanding the LED indicator lights for each drive bay.

4.4. Compatibility

The enclosure is broadly compatible with various operating systems and devices:

- **Operating Systems:** Windows 7 and above, Mac OS 9.1 and above, Linux.
- **Devices:** Laptops, Desktop PCs.
- **Drive Types:** 2.5-inch and 3.5-inch SATA HDD/SSD.

The enclosure offers wide compatibility across different devices and operating systems.

5. Maintenance

5.1. Cooling System

The enclosure features a built-in cooling fan to dissipate heat and protect your hard drives. While effective, please note that the fan may produce a noise level of around 40-50 decibels. If you are highly sensitive to noise, this unit might not be ideal for a quiet workspace. Ensure the fan vents on the back of the unit are not obstructed to allow for proper airflow.

The integrated cooling fan ensures optimal temperature for your drives.

5.2. Cleaning

To maintain the enclosure's performance and appearance, periodically wipe the exterior with a soft, dry cloth. Avoid using liquid cleaners or abrasive materials. Ensure the device is powered off and disconnected from all power sources before cleaning.

The enclosure is equipped with silicone anti-skid pads on the bottom to prevent movement and protect surfaces. Keep these pads clean and free from debris.

Silicone anti-skid pads provide stability and protect surfaces.

6. Troubleshooting

If you encounter issues with your CENMATE 4 Bay Hard Drive Enclosure, please refer to the following common troubleshooting steps:

- **Drive Not Detected:**
  - Ensure the power adapter is securely connected and the enclosure is powered on.
  - Verify that the USB cable is firmly connected to both the enclosure and your computer's USB 3.0 port.
  - Check if the hard drive is properly seated in its tray and the tray is fully inserted into the enclosure bay.
  - Try connecting the enclosure to a different USB port on your computer or a different computer to rule out port or system issues.
  - For new drives, ensure they are initialized and formatted in Disk Management (Windows) or Disk Utility (Mac).
  - Observe the LED indicator for the specific drive bay; a purple light indicates a potential drive problem.
- **Slow Data Transfer Speed:**
  - Confirm that the enclosure is connected to a USB 3.0 (or higher) port on your computer. USB 2.0 ports will result in significantly slower speeds.
  - Ensure your operating system and drivers are up to date.
  - The actual transfer speed can be affected by the performance of the installed hard drives/SSDs.
- **Fan Noise:**
  - As noted in the maintenance section, the fan operates at 40-50 decibels. This is normal operation.
  - Ensure the fan vents are clear of dust and obstructions.

If these steps do not resolve your issue, please contact CENMATE customer support for further assistance.

7. Specifications

Feature	Detail
Brand	cenmate
Model	4 Bay
Material	Aluminum
Memory Storage Capacity	80 TB (Max 20TB per drive)
Compatible Devices	Laptop, Desktop
Hard Disk Form Factor	2.5 Inches, 3.5 Inches
Max Number of Supported Devices	4
Data Transfer Rate	5 Gigabits Per Second (USB 3.0)
Product Dimensions	7.95 x 5.2 x 5.75 inches
Item Weight	3.01 pounds (1.37 Kilograms)
Hardware Interface	USB 3.0
Hardware Platform	Windows, Mac, Linux

8. Warranty and Support

CENMATE is committed to providing high-quality products and excellent customer service. If you have any questions about your CENMATE 4 Bay Hard Drive Enclosure or require technical assistance, please do not hesitate to contact our support team.

We aim to reply and solve your problem within 24 hours.

Contact Information:

Email: support@cenmate.com (Placeholder, as no specific email is provided, but implied by "contact us")

Online Support: Visit the CENMATE Store on Amazon for FAQs and additional resources.

Please retain your purchase receipt for warranty purposes. Specific warranty terms and conditions may apply and are typically detailed with your product packaging or on the official CENMATE website.

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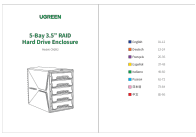
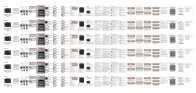
This manual is for informational purposes only. Specifications are subject to change without notice.

Related Documents - 4 Bay

	[CENMATE 804U3-5G 4 Bay Hard Drive Enclosure User Manual] This document provides product instructions and technical specifications for the CENMATE 804U3-5G 4 Bay Hard Drive Enclosure, including installation guides and troubleshooting tips.
	[CENMATE 803U3-5G 3 Bay Hard Drive Enclosure User Manual and Installation Guide] Detailed instructions and specifications for the CENMATE 803U3-5G 3 Bay Hard Drive Enclosure, covering installation, partitioning, formatting, features, and troubleshooting.
	[CENMATE 804RAID-5G 2-Bay HDD Enclosure: User Manual and Specifications] Comprehensive guide for the CENMATE 804RAID-5G 2-Bay Hard Drive RAID Enclosure, covering installation, setup, features, RAID modes, troubleshooting, and technical specifications. Supports 2.5" and 3.5" SATA HDDs/SSDs via USB 3.0.
	[UGREEN 5-Bay 3.5" RAID Hard Drive Enclosure User Manual] Comprehensive user manual for the UGREEN 5-Bay 3.5" RAID Hard Drive Enclosure (Model: CM292). This guide provides detailed instructions on setup, installation, RAID mode configuration, drive management, and troubleshooting.
	[Cenmate 804U3RAID3G 4-Bay External RAID Hard Drive Enclosure User Manual] 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.
	[ACASIS EC1003 4-Bay SAS/SATA Hard Drive Enclosure User Manual] This document provides instructions and specifications for the ACASIS EC1003 4-Bay SAS/SATA Hard Drive Enclosure, including installation, operation, troubleshooting, and warranty information.

Documents - cenmate – 4 Bay

[Cenmate 804PM6G 4-Bay Non-RAID Hard Drive Enclosure User Manual]
User manual for the Cenmate 804PM6G 4-bay non-RAID hard drive enclosure, detailing product specifications, installation steps, and troubleshooting.
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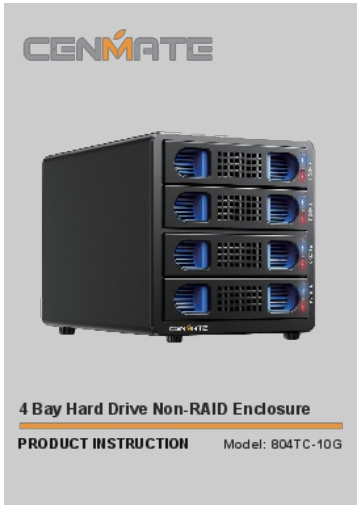

[pdf] User Manual
CENMATE 804TC 10G 20250327 Screws and Driver Power Adapter User Manual Aluminum case with built in fans Excellent Heat Dissipation Compatible Windows Linux Mac A1 9wSO9XPLm media amazon images I A1 9wSO9XPL ref dp product quick view |||
4 Bay Hard Drive Non-RAID Enclosure PRODUCT INSTRUCTION Model: 804TC-10G Quality Assurance-Cenmate provides lifetime technical support. Please don t hesitate to contact us if you have any questions about the product, we reply and solve your problem within 24 hours. Technical Support Contact: cenm...
lang:en score:24 filesize: 1.78 M page_count: 12 document date: 2025-03-27

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CENMATE 804U3RAID3G 6 4 Bay 3 5 Inch Hard Drive RAID Storage USB 0 A C Cable eSATA Mounting screws and screw driver User Manual 12V Power Supply Windows 2000 Me XP A1iiLMPBvSL ref dp product quick view m media amazon images I |||
4 Bay RAID External Hard Drive Enclosure for 2.5/3.5 SATA HDD/SSD PRODUCT INSTRUCTION Model: 804U3RAID3G EN-English Quality Assurance-Cenmate provides lifetime technical support.If you have any questions about the product, please don t hesitate to contact us, reply and solve your problem within 24...
lang:en score:24 filesize: 1.85 M page_count: 1 document date: 2024-11-22

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CENMATE 804PM6G 95x135mm 4 Bay Hard Drive Non RAID Enclosure 10 feb 2025 — Q1 After connecting new hard drive to the computer why can t I find and display disc letter A1 is connected 1 250210101F2563 cenmate soft 20250210 |||
4 Bay Hard Drive Non-RAID Enclosure PRODUCT INSTRUCTION Model: 804PM6G Quality Assurance-Cenmate provides lifetime technical support.If you have any questions about the product, please don t hesitate to contact us, reply and solve your problem within 24 hours. Technical Support Contact: cenmate...
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CENMATE 804TC 10G 70x100mm 20240904 6 mars 2025 — Utilizing the USB 3 2 Gen2 protocol memory device delivers data transfer speeds of up to 10 Gbps twice as fast its predecessor 804PM6G Whether handling multiple drives simultaneously or a single drive consistently superior 1 241021145TS47 cenmate soft 20241021 |||

4 Bay Hard Drive Non-RAID Enclosure Model: 804TC-10G 1 Quality Assurance-Cenmate provides lifetime technical support.If you have any questions about the product, please don t hesitate to contact us, reply and solve your problem within 24 hours. Technical Support Contact: cenmate23 outlook.com 2 ...

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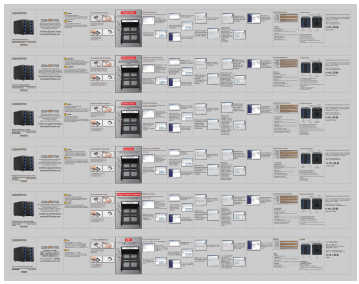

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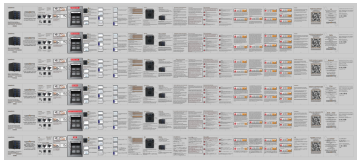

[Cenmate 804U3RAID3G 4-Bay External RAID Hard Drive Enclosure User Manual]
Comprehensive user manual for the Cenmate 804U3RAID3G 4-bay external RAID hard drive enclosure. Covers installation, setup, product specifications, various RAID levels (RAID 0, 1, 5, 10, JBOD, Clone, Normal), troubleshooting, and technical support. Supports 2.5/3.5 inch SATA HDDs and SSDs.
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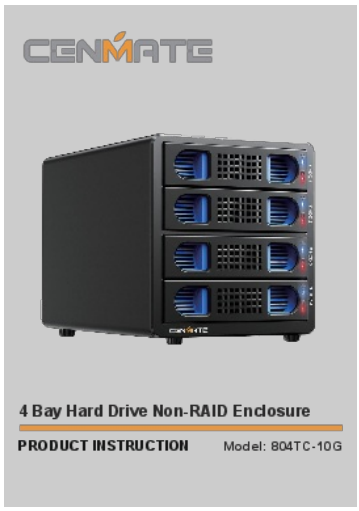

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CENMATE 804TC 10G 20250327 So whether you re using multiple drives running in parallel or ensuring efficient operation of a single drive the delivers outstanding performance 1 25032Q40012305 cenmate soft 20250328 OEM ODM Manufacturer Computer Peripherals 28 mars 2025 — Q1 After connecting new hard to computer why can t I find and display disc letter A1 is connected |||
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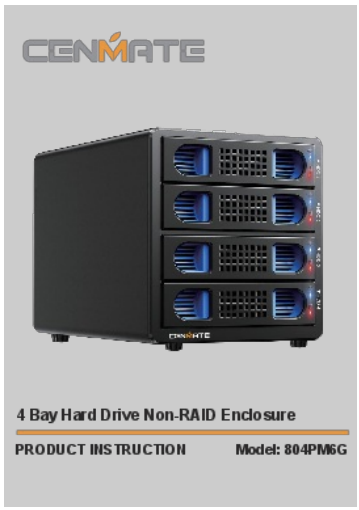

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[CENMATE 804U3-5G 4 Bay Hard Drive Enclosure User Manual]
This document provides product instructions and technical specifications for the CENMATE 804U3-5G 4 Bay Hard Drive Enclosure, including installation guides and troubleshooting tips.
lang:en score:18 filesize: 1.79 M page_count: 11 document date: 2025-03-27

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CENMATE 804U3RAID3G 20250328 OEM ODM Manufacturer of Computer Peripherals 1 25032Q3593bP cenmate soft Q1 After connecting new hard drive to the computer why can t I find and display disc letter A1 is connected |||

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[pdf] Installation Guide Label

CENMATE 804PM6G 70x100mm 20240624 4 Bay Hard Drive Non RAID Enclosure 26 juin 2024 — When the protrusions of tray conflict with hard drive cut off or unplug blue tabs and install using screws 1 240626112405X2 cenmate soft 20240626 |||

4 Bay Hard Drive Non-RAID Enclosure 804PM6G When the protrusions of the tray conflict with the hard drive, cut off the protrusions or unplug the blue tabs and install the hard drive using the screws. Note: Formatting is only required for new drives Select the format settings: FAT 32 , DEF...

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CENMATE 804PM6G 70x100mm 20240607 Most of HDD trays with two screw holes at the bottom for inside to match it But some HDDs only one hole like Seagate 20TB need be processed by hand Cut raised part on right side image showing !!! 1 240613114Q6196 cenmate soft 20240613 |||

4 Bay Hard Drive Non-RAID Enclosure 804PM6G Most of HDD trays with two screw holes at the bottom for inside trays to match it. But some of HDDs with only one hole like Seagate 20TB need to be processed by hand. Cut one raised part on the right side like the image showing Reference picture P...

lang:en score:11 filesize: 694.2 K page_count: 8 document date: 2024-06-07