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## ICY BOX IB-382H-C31

# ICY BOX IB-382H-C31 Storage Enclosure User Manual

Model: IB-382H-C31

## 1. INTRODUCTION

This user manual provides detailed instructions for the installation, operation, and maintenance of your ICY BOX IB-382H-C31 external storage enclosure. This device is designed to house 2.5-inch or 3.5-inch SATA HDDs/SSDs, providing high-speed data transfer via USB 3.2 (Gen 2) with integrated USB-C and USB-A ports.

Please read this manual carefully before using the product to ensure proper functionality and to prevent damage.

## 2. SAFETY INFORMATION

- Do not expose the device to moisture, dust, or extreme temperatures.
- Avoid dropping or subjecting the device to strong impacts.
- Use only the provided power adapter. Using an incorrect power adapter may damage the device and void the warranty.
- Do not attempt to open or repair the device yourself. Refer all servicing to qualified personnel.
- Ensure proper ventilation around the enclosure during operation to prevent overheating.

## 3. PACKAGE CONTENTS

Please check the package contents upon unboxing. If any items are missing or damaged, contact your retailer.

- 1x ICY BOX IB-382H-C31 Storage Enclosure
- 1x Power Adapter (12V)
- 1x USB-C to USB-C Cable
- 1x USB-C to USB-A Cable
- 1x Stand
- 1x User Manual (this document)

## 4. PRODUCT OVERVIEW

### 4.1 Key Features

- Supports one 2.5-inch or 3.5-inch SATA I/II/III HDD/SSD.
- USB 3.2 Gen 2 interface with up to 10 Gbit/s data transfer rate.
- Integrated 3-port USB hub (1x USB-C, 2x USB-A) for connecting additional peripherals.
- Compatible with Windows, macOS, and Chrome OS.
- Plug & Play installation.
- Durable aluminum material for effective heat dissipation.

### 4.2 Components and Ports



**Figure 1:** Rear view of the ICY BOX IB-382H-C31 enclosure, showing the USB 3.2 ports (1x USB-C, 2x USB-A), power switch, and DC 12V power input.

## 2.5"/3.5" enclosure

With 3-port hub



**Figure 2:** Illustration highlighting the 2.5"/3.5" enclosure capability and the integrated 3-port USB hub, demonstrating its versatility.

The enclosure features a robust design with essential ports for connectivity and power. The rear panel includes two USB-A 3.2 ports, one USB-C 3.2 port for connection to the host computer, a power switch, and a DC 12V power input. An LED indicator on the front panel shows power and activity status.

## 5. SETUP

### 5.1 Installing a Hard Drive or SSD

## Easy installation

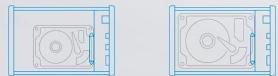
Just Plug & Play



**Figure 3:** Visual guide for the easy installation of a hard drive into the ICY BOX enclosure, illustrating the slide-in mechanism.

## For both formats

Suitable for 2.5" and 3.5"



**Figure 4:** Diagram showing the compatibility of the enclosure with both 2.5-inch and 3.5-inch hard drive formats.

1. Ensure the enclosure is powered off and disconnected from your computer.
2. Gently slide open the enclosure cover.
3. Align your 2.5-inch or 3.5-inch SATA HDD/SSD with the SATA connector inside the enclosure.
4. Carefully push the drive into the connector until it is firmly seated. Do not force it.
5. Slide the enclosure cover back into place until it clicks securely.

## 5.2 Connecting to Your Computer



**Figure 5:** The ICY BOX enclosure receiving full power from its 12V power supply, essential for stable operation.



**Figure 6:** The ICY BOX enclosure connected to a laptop, demonstrating its USB 3.2 (Gen 2) capability for high-speed data transfer up to 10 Gbit/s.

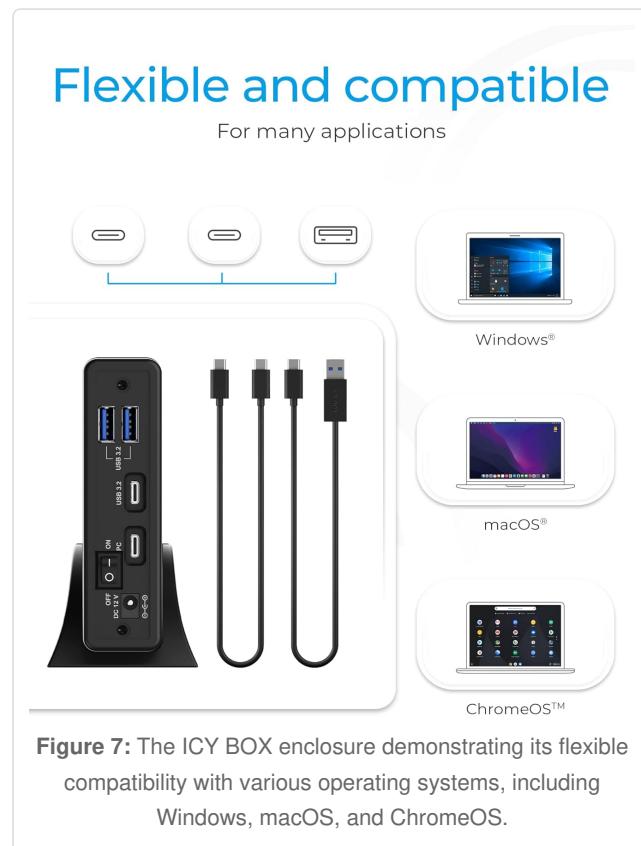
1. Connect the provided power adapter to the DC 12V input port on the enclosure and plug it into a power outlet.
2. Connect one end of the USB-C to USB-C cable (or USB-C to USB-A cable) to the USB-C port on the enclosure.
3. Connect the other end of the USB cable to an available USB port on your computer.
4. Flip the power switch on the enclosure to the 'ON' position. The LED indicator on the front will

illuminate.

5. Your operating system should automatically detect the new hardware. The drive will appear as an external storage device.

## 6. OPERATING

### 6.1 Basic Operation



**Figure 7:** The ICY BOX enclosure demonstrating its flexible compatibility with various operating systems, including Windows, macOS, and ChromeOS.

- **Power On/Off:** Use the power switch on the rear of the enclosure to turn the device on or off.
- **Data Transfer:** Once connected, you can drag and drop files to and from the external drive as you would with any other storage device. The USB 3.2 Gen 2 interface ensures fast data transfer speeds.
- **USB Hub Functionality:** The two USB-A ports and one USB-C port on the enclosure can be used to connect other USB devices such as flash drives, keyboards, or mice.
- **Safe Removal:** Always safely eject the drive from your operating system before disconnecting the enclosure or turning off its power to prevent data corruption.

## 7. MAINTENANCE

- Keep the enclosure clean by wiping it with a soft, dry cloth. Do not use liquid cleaners or aerosols.
- Ensure the ventilation openings are not blocked to maintain optimal operating temperature.

- Store the device in a cool, dry place when not in use.

## 8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Enclosure not detected by computer.	Loose cable connection, insufficient power, drive not properly installed, driver issue.	Check all cable connections. Ensure power adapter is securely plugged in. Verify the HDD/SSD is correctly seated inside the enclosure. Try a different USB port on your computer. Check Device Manager (Windows) or System Information (macOS) for unrecognized devices.
Slow data transfer speeds.	Connected to a USB 2.0 port, old drive, cable issue.	Ensure the enclosure is connected to a USB 3.0/3.1/3.2 port on your computer. Check the health of your HDD/SSD. Try a different USB cable.
Drive not showing up in 'My Computer'/'Finder'.	Drive not formatted or partitioned.	For new drives, you may need to initialize, partition, and format the drive using Disk Management (Windows) or Disk Utility (macOS).
Enclosure feels hot.	Normal operation, poor ventilation.	Some heat is normal during operation, especially with active drives. Ensure the enclosure has adequate airflow and is not covered. If excessively hot, power off and allow to cool.

## 9. SPECIFICATIONS

Feature	Detail
Model Number	IB-382H-C31 (60087)
Compatible Drive Types	2.5" / 3.5" SATA I/II/III HDD/SSD
Interface	USB 3.2 Gen 2 (10 Gbit/s)
USB Hub Ports	1x USB-C, 2x USB-A
Material	Aluminum
Color	Black
Dimensions (LxWxH)	3.54 x 5.12 x 9.06 inches (90 x 130 x 230 mm)
Item Weight	9.5 ounces (270 Grams)
Power Supply	External 12V Power Adapter

Feature	Detail
Operating System Compatibility	Windows, macOS, Chrome OS

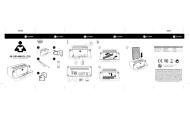
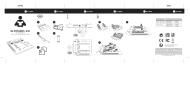
## 10. WARRANTY AND SUPPORT

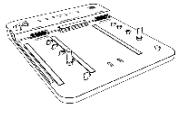
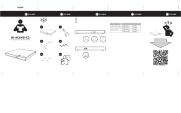
This product comes with a standard manufacturer's warranty. Please refer to the warranty card included in your package or visit the official ICY BOX website for detailed warranty terms and conditions.

For technical support, troubleshooting assistance, or to inquire about replacement parts, please contact ICY BOX customer service through their official support channels.

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### Related Documents - IB-382H-C31

	<p><a href="#"><b>ICY BOX IB-2914MSCL-C31 Docking and CloneStation User Manual</b></a></p> <p>Comprehensive guide for the ICY BOX IB-2914MSCL-C31, a versatile docking and cloning station supporting 2.5"/3.5" SATA drives and M.2 NVMe SSDs with USB 3.2 connectivity.</p>
	<p><a href="#"><b>ICY BOX IB-1817MC-C31: External M.2 NVMe/SATA SSD Enclosure Quick Installation Guide</b></a></p> <p>Comprehensive guide for the ICY BOX IB-1817MC-C31 external M.2 NVMe and SATA SSD enclosure. Learn about installation, features, safety, and usage with USB Type-C connectivity.</p>
	<p><a href="#"><b>ICY BOX IB-2913MCL-C31: M.2 NVMe &amp; SATA SSD/HDD Clone &amp; Docking Station Guide</b></a></p> <p>Explore the ICY BOX IB-2913MCL-C31, a versatile docking station and cloning device supporting M.2 NVMe, M.2 SATA SSD/HDD, and 2.5"/3.5" SATA HDD. Learn about its features and usage.</p>

 <p><b>Manual IB-2915MSCL-C31</b> Docking &amp; Clonestation für M.2 NVMe SSD &amp; 2.5"/3.5" SATA SSD/HDD <b>Handbuch IB-2915MSCL-C31</b> Docking &amp; Klonstation für M.2 NVMe SSD &amp; 2.5"/3.5" SATA SSD/HDD</p>	<p><a href="#"><u>ICY BOX IB-2915MSCL-C31 Docking and Clone Station User Manual</u></a></p> <p>Comprehensive user manual for the ICY BOX IB-2915MSCL-C31 Docking and Clone Station. This guide provides detailed instructions on installation, operation in docking and clone modes, safety precautions, package contents, system requirements, and USB standard compatibility for M.2 NVMe SSD and 2.5"/3.5" SATA SSD/HDD.</p>
	<p><a href="#"><u>ICY BOX IB-AC640-C3 External Enclosure User Manual</u></a></p> <p>User manual for the ICY BOX IB-AC640-C3 external enclosure, detailing its features, contents, and setup for ultra-slim SATA drives.</p>
	<p><a href="#"><u>ICY BOX IB-3640 Series: 4-Bay External JBOD &amp; RAID HDD Enclosures</u></a></p> <p>Explore the ICY BOX IB-3640 Series, external 4-bay JBOD and RAID enclosures designed for 3.5" SATA I/II/III HDDs. These enclosures feature trayless assembly, silent operation, and support for USB 3.0, eSATA, and Firewire interfaces, offering flexible and high-capacity storage solutions.</p>