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› [CHICIRIS](#) /

› CHICIRIS Tool-Free Compact Hard Drive Assembly Bracket User Manual

CHICIRIS CHICIRISq4s8x6kd0p

CHICIRIS Tool-Free Compact Hard Drive Assembly Bracket User Manual

Model: CHICIRISq4s8x6kd0p

PRODUCT OVERVIEW

The CHICIRIS Tool-Free Compact Hard Drive Assembly Bracket is designed to provide a convenient and efficient solution for integrating 3.5-inch HDDs or SSDs into a computer chassis. This bracket utilizes an idle 5.25-inch optical drive bay, maximizing storage space without requiring tools for hard drive installation or removal. Its semi-open design promotes effective heat dissipation, ensuring optimal performance for your drives. The integrated LED indicators provide clear status updates for your hard drives.

Key Features:

- **Tool-Free Operation:** Facilitates quick and easy hard drive swaps without the need for screws.
- **Efficient Heat Dissipation:** Semi-open design helps maintain optimal hard drive temperatures.
- **Space-Saving Design:** Converts an unused 5.25-inch optical drive bay into a functional 3.5-inch drive bay.
- **Hot-Swap Support:** Enables seamless replacement of hard drives while the system is running (requires compatible motherboard and operating system support).
- **LED Indicator Lights:** Provides visual feedback on hard drive status (blue for active use, red for storage/activity).

PACKAGE CONTENTS

Please verify that all items are present in the package:

- 1 x CHICIRIS Hard Drive Assembly Bracket
- 4 x Mounting Screws (for securing the bracket to the PC chassis)

Note: This product does not include a hard drive.

SETUP INSTRUCTIONS

Follow these steps to install the hard drive assembly bracket and your 3.5-inch HDD/SSD into your computer chassis.

1. Prepare Your Computer:

- Power off your computer and unplug it from the power source.

- Open the computer chassis to access the internal components.
- Locate an available 5.25-inch optical drive bay. Remove any front panel covers or existing devices from this bay.

2. Install the Hard Drive into the Bracket:

The CHICIRIS bracket features a tool-free design for hard drive installation.



Image: The hard drive bracket with its tool-free tray mechanism partially extended.

- Gently pull the front handle of the bracket to extend the internal drive tray.
- Align your 3.5-inch HDD or SSD with the connectors and mounting points inside the tray.
- Slide the hard drive into the tray until it clicks securely into place. Ensure the SATA data and power connectors on the drive align with the bracket's internal connectors.
- Push the front handle back into the bracket until it is flush, securing the hard drive.



Image: A 3.5-inch hard drive securely installed within the CHICIRIS bracket.

3. Install the Bracket into the Chassis:

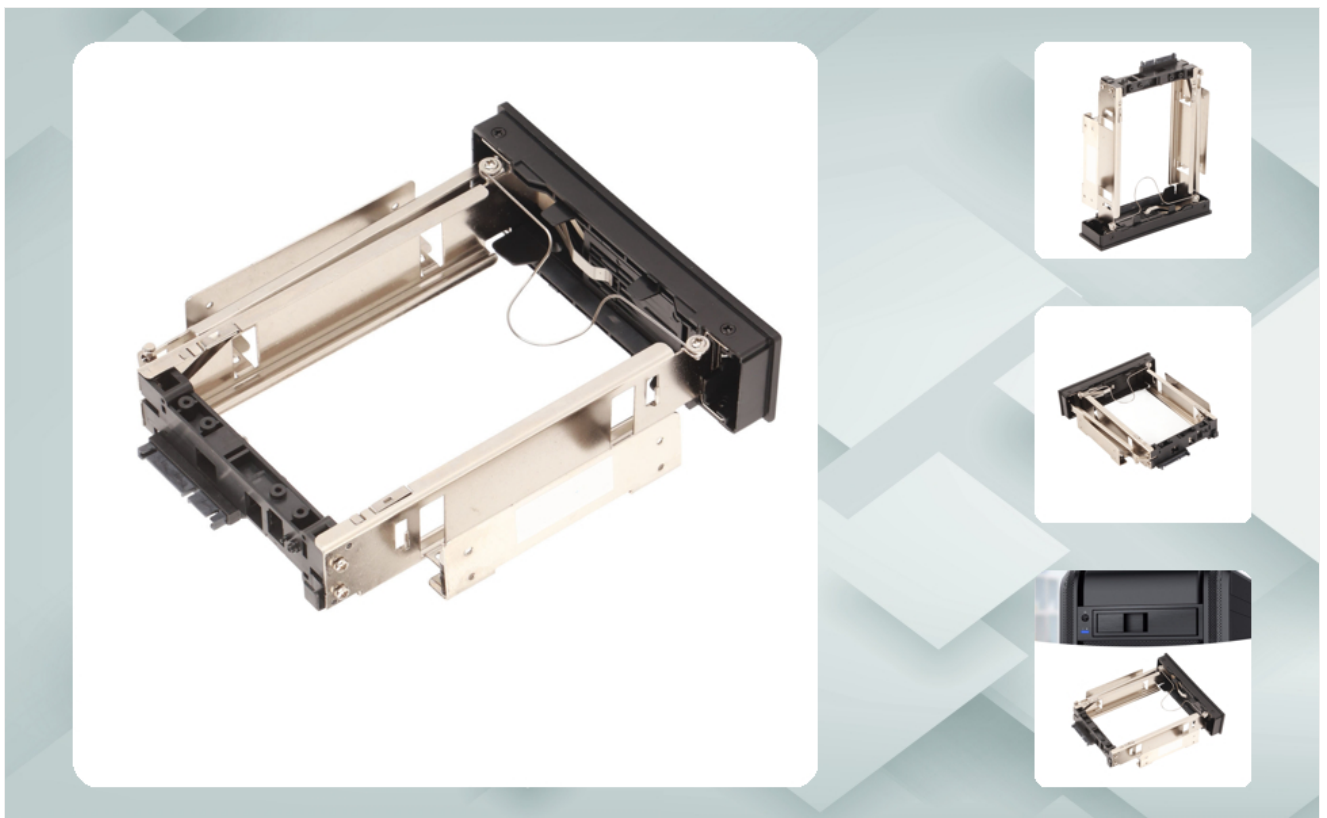


Image: The hard drive bracket positioned for installation into a computer's 5.25-inch optical drive bay.

- Slide the entire assembly (bracket with hard drive) into the chosen 5.25-inch bay from the front of the chassis until the mounting holes align.
- Secure the bracket to the chassis using the provided 4 mounting screws. Depending on your chassis, you may need to secure it from both sides.

4. **Connect Cables:**

- Connect a SATA data cable from the bracket's rear SATA data port to an available SATA port on your motherboard.
- Connect a SATA power cable from your power supply unit (PSU) to the bracket's rear SATA power port.

5. **Final Steps:**

- Close your computer chassis.
- Plug in the power cable and power on your computer.
- Your operating system should detect the new hard drive. You may need to initialize and format the drive through Disk Management (Windows) or Disk Utility (macOS/Linux) before use.

OPERATING INSTRUCTIONS

Once installed, the CHICIRIS hard drive assembly bracket operates seamlessly with your system.

Hard Drive Hot-Swap:

This bracket supports hot-swapping of 3.5-inch HDDs/SSDs. To hot-swap a drive:

1. Ensure your operating system and motherboard support hot-swapping for the SATA port connected to the bracket.
2. Safely eject or unmount the hard drive from your operating system before physical removal.
3. Gently pull the front handle of the bracket to release and remove the existing hard drive.
4. Insert the new 3.5-inch HDD/SSD into the tray, ensuring it clicks into place.
5. Push the front handle back in. The new drive should be detected by your operating system.

LED Indicator Status:

The front panel of the bracket features an LED indicator to show the status of the installed hard drive:

- **Blue Light:** Indicates the hard drive is powered on and in use.
- **Red Light:** Indicates hard drive activity (reading or writing data).

MAINTENANCE

To ensure the longevity and optimal performance of your CHICIRIS hard drive assembly bracket and installed drives, consider the following maintenance tips:

- **Keep Clean:** Periodically clean the exterior of the bracket and the surrounding area within your PC chassis to prevent dust buildup, which can hinder airflow and heat dissipation. Use a can of compressed air for best results.
- **Check Connections:** Ensure all SATA data and power cables remain securely connected to the bracket and motherboard/PSU. Loose connections can lead to intermittent drive detection or data transfer issues.
- **Environmental Conditions:** Operate your computer in a well-ventilated area to prevent overheating. The semi-open design of the bracket aids in heat dissipation, but overall system airflow is crucial.
- **Avoid Physical Shock:** While the bracket provides a secure mount, avoid dropping or subjecting your computer to strong impacts, as this can damage the hard drive or the bracket itself.

TROUBLESHOOTING

If you encounter issues with your CHICIRIS hard drive assembly bracket, refer to the following troubleshooting steps:

- **Hard Drive Not Detected:**
 - Ensure the computer is powered off and unplugged. Recheck all SATA data and power cable connections to the bracket, hard drive, motherboard, and PSU.
 - Verify that the hard drive is fully seated and locked into the bracket's tray.
 - Check your motherboard's BIOS/UEFI settings to ensure the SATA port is enabled and configured correctly (e.g., AHCI mode).
 - Test the hard drive directly connected to the motherboard (if possible) to rule out a drive issue.
 - Try a different SATA data cable or power cable.
- **LED Indicator Not Lighting Up:**
 - Ensure the hard drive is properly installed and receiving power.
 - Check the SATA power connection to the bracket.
- **Slow Performance:**
 - Ensure the hard drive is not overheating. Check internal PC airflow.
 - Verify that the SATA data cable is securely connected and not damaged.
 - Check the hard drive's health using diagnostic software.
- **Hot-Swap Not Working:**
 - Confirm that your motherboard's SATA controller and operating system are configured for hot-swapping. This often requires AHCI mode in BIOS/UEFI.
 - Always safely eject or unmount the drive in the operating system before physical removal.

SPECIFICATIONS

Detailed technical specifications for the CHICIRIS Hard Drive Assembly Bracket:



Image: Illustrates the high-quality ABS plastic and stainless steel materials used in the bracket's construction.

Product Type	Hard Drive Bay / Assembly Bracket
Model Number	CHICIRISq4s8x6kd0p
Material	ABS Plastic, Stainless Steel
Applicable Drive Size	3.5-inch HDD/SSD
Bay Compatibility	5.25-inch Optical Drive Bay
LED Indicator	Blue (In Use), Red (Activity)
Output Interface	SATA 15-pin Power, SATA Data
Hot Swap Support	Yes
Dimensions (Package)	22 x 18 x 6 cm
Weight (Product)	358 g
Country of Origin	China

WARRANTY INFORMATION

This CHICIRIS product is covered by a manufacturer's warranty for **90 days** from the date of purchase. This warranty covers defects in materials and workmanship under normal use. It does not cover damage caused by misuse, accident, unauthorized modification, or external causes.

Please retain your proof of purchase for warranty claims.

SUPPORT

For technical assistance, warranty claims, or further inquiries regarding your CHICIRIS Hard Drive Assembly Bracket, please contact your retailer or the CHICIRIS customer support team.

Please visit the official CHICIRIS website for the most up-to-date support contact information or frequently asked questions.

ASK A QUESTION ABOUT THIS MANUAL

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