

## Hiditec CHA010057

# Hiditec SKY ATX PC Gaming Case Instruction Manual

Model: CHA010057

## 1. INTRODUCTION

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Thank you for choosing the Hiditec SKY ATX PC Gaming Case. This manual provides essential information for the proper assembly, operation, and maintenance of your new PC chassis. Please read these instructions carefully before beginning installation to ensure optimal performance and longevity of your components.

The Hiditec SKY case is designed for high-performance gaming and content creation systems, featuring a panoramic 3D vision with triple tempered glass panels, advanced cooling support, and a dual-chamber design for efficient thermal management and clean aesthetics.

## 2. SAFETY INFORMATION

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- Always disconnect the power supply from the wall outlet before installing or removing any components.
- Handle tempered glass panels with care to prevent breakage. Avoid impacts on edges.
- Wear anti-static wrist straps or frequently touch a grounded metal object to prevent electrostatic discharge (ESD) damage to sensitive components.
- Keep small parts and screws away from children.
- Ensure proper ventilation around the PC case to prevent overheating.

## 3. PACKAGE CONTENTS

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Please verify that all the following items are included in your package:

- Hiditec SKY ATX PC Gaming Case
- Accessory box (screws, standoffs, cable ties)
- User Manual (this document)

## 4. PRODUCT OVERVIEW AND FEATURES

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The Hiditec SKY case is engineered to provide a premium building experience and showcase your high-end components.

#### 4.1 Panoramic 3D Vision

The case features triple tempered glass panels on the front, side, and top, offering an unobstructed, panoramic view of your entire system's interior. This design is ideal for showcasing custom builds and RGB lighting.



Front and side view of the Hiditec SKY ATX PC Gaming Case, showcasing its transparent tempered glass panels for a panoramic view of internal components.

#### 4.2 Advanced Cooling

Designed for optimal thermal performance, the SKY case supports up to seven 120mm fans and liquid cooling radiators up to 360mm. Its dual-chamber design enhances airflow, keeping high-performance components cool. A removable dust filter is located at the bottom to maintain component cleanliness.



Internal layout of the Hiditec SKY PC case, indicating compatibility for 120mm, 240mm, and 360mm radiators and fans on the side and bottom.

### 4.3 Dual-Chamber Chassis

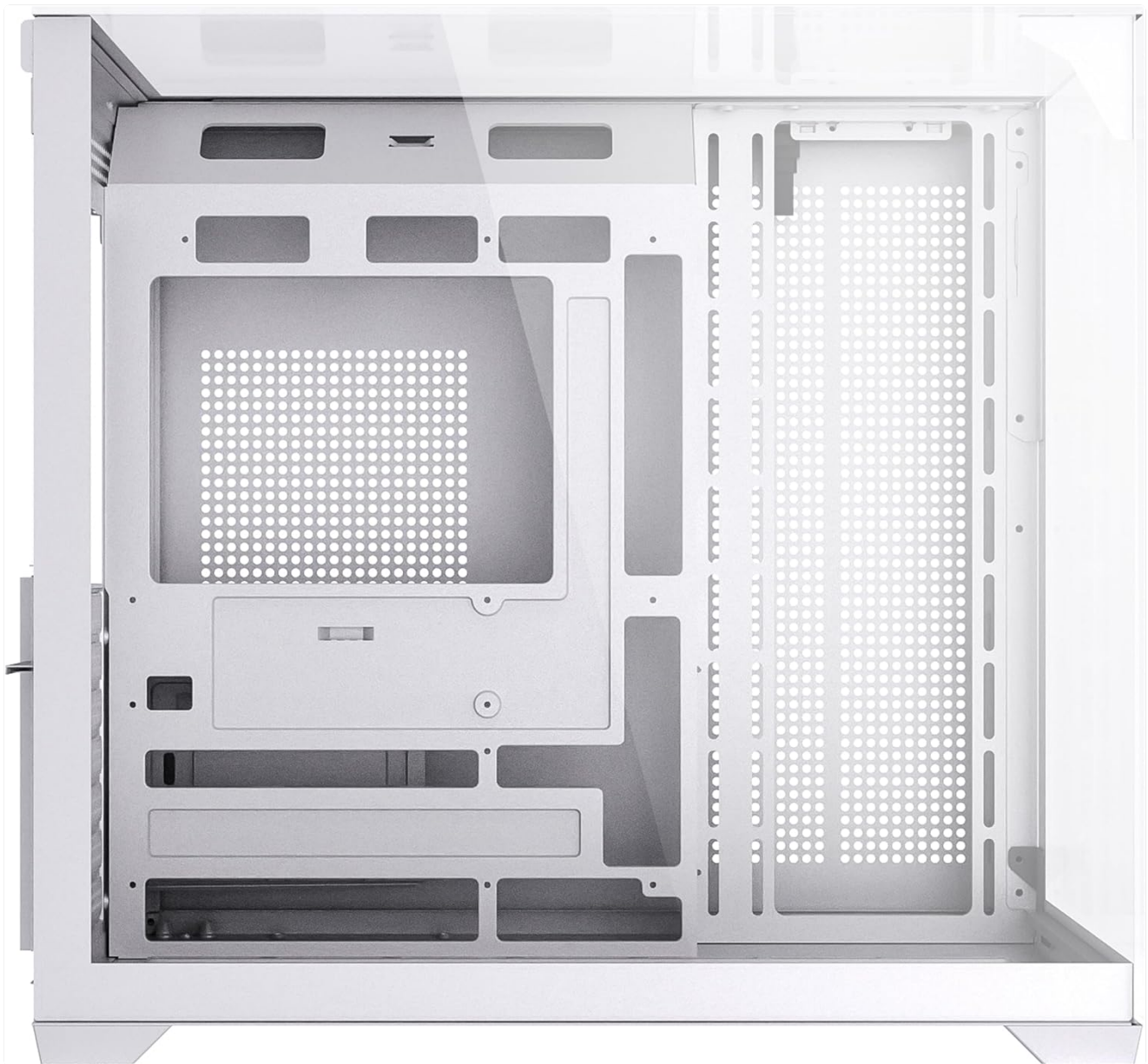
The innovative dual-chamber system separates the power supply unit (PSU) and storage drives (HDDs/SSDs) from the main components like the motherboard, CPU, and GPU. This design significantly improves airflow and thermal management within the primary chamber, leading to better overall system efficiency. The chassis is constructed from solid 0.7mm steel for durability.



A black variant of the Hiditec PC case, demonstrating the dual-chamber layout where the power supply and drives are separated from the main components.

### 4.4 Optimized Capacity

The SKY case is compatible with ATX, Micro ATX, and ITX motherboards. It offers ample space for large graphics cards up to 400mm in length and CPU coolers up to 175mm in height. It includes 7 horizontal PCI slots and 2 vertical PCI slots for flexible GPU mounting. Storage options include space for 2 SSDs and 1 HDD.



An internal perspective of the Hiditec SKY PC case, highlighting the maximum clearance for CPU coolers (175mm) and graphics cards (400mm).

## 4.5 Easy Connectivity

The top panel provides convenient access to essential connections, including one USB Type-C port, one USB 3.0 port, one USB 2.0 port, and HD Audio/Microphone jacks for quick and easy peripheral connectivity.

## 5. SETUP AND INSTALLATION

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Follow these steps for component installation:

### 5.1 Preparing the Case

- Carefully remove the tempered glass panels by unscrewing their retaining thumbscrews. Place them on a soft, flat surface to prevent scratches.
- Identify the accessory box containing screws, standoffs, and cable ties.

### 5.2 Motherboard Installation

- Install the necessary motherboard standoffs into the motherboard tray according to your motherboard's form

factor (ATX, Micro ATX, ITX).

- Place your motherboard onto the standoffs, aligning the screw holes.
- Secure the motherboard with the provided screws.

### **5.3 Power Supply Unit (PSU) Installation**

- Locate the PSU mounting area in the rear chamber of the case.
- Slide the PSU into position and secure it with screws from the rear of the case.

### **5.4 Storage Drive Installation (SSDs/HDDs)**

- Install 2.5" SSDs into the designated mounting points, typically behind the motherboard tray or in drive cages.
- Install 3.5" HDDs into the drive cage located in the rear chamber.
- Secure all drives with the appropriate screws.

### **5.5 Graphics Card (GPU) Installation**

- Remove the necessary PCI slot covers.
- Insert your graphics card into the PCIe slot on the motherboard.
- Secure the graphics card with screws. For vertical GPU mounting, an optional riser cable (not included) is required.

### **5.6 Cooling System Installation (Fans/Radiators)**

- Install up to seven 120mm fans in the designated mounting locations (front, top, rear, bottom).
- For liquid cooling, install radiators up to 360mm in the supported positions.
- Ensure fans are oriented correctly for optimal airflow (intake/exhaust).

### **5.7 Cable Management**

- Utilize the cable routing cutouts and tie-down points behind the motherboard tray to manage cables neatly.
- Connect all necessary power cables from the PSU to your components.
- Connect the front panel I/O cables (USB Type-C, USB 3.0, USB 2.0, HD Audio, Power, Reset, LED) to the corresponding headers on your motherboard.



The Hiditec SKY PC case partially disassembled, illustrating the separate components and the dual-chamber design.

## 6. OPERATING INSTRUCTIONS

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Once all components are securely installed and cables are connected:

- Reattach all tempered glass panels and secure them with their thumbscrews.
- Connect your monitor, keyboard, mouse, and other peripherals.
- Plug the power cable into the PSU and then into a wall outlet.
- Press the power button on the top panel of the case to start your computer.
- Ensure all fans are spinning and components are receiving power.

## 7. MAINTENANCE

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Regular maintenance helps ensure optimal performance and extends the lifespan of your PC components.

- **Dust Filter Cleaning:** Periodically remove and clean the bottom dust filter to maintain unrestricted airflow. Use compressed air or a soft brush.
- **Case Cleaning:** Use a soft, damp cloth to wipe down the exterior of the case and glass panels. Avoid abrasive cleaners or solvents.
- **Internal Dust Removal:** Every few months, open the case and use compressed air to gently remove dust from fans, heatsinks, and other components. Ensure the system is powered off and unplugged before performing this.

## 8. TROUBLESHOOTING

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If you encounter issues, consider the following common troubleshooting steps:

- **No Power:** Ensure the PSU is switched on, the power cable is securely connected, and all motherboard power connectors are properly seated.
- **Fans Not Spinning:** Check fan connections to the motherboard or fan controller. Verify fan headers are enabled in BIOS/UEFI.
- **Poor Airflow/Overheating:** Ensure all fans are installed in the correct orientation (intake/exhaust). Clean dust filters and internal components. Verify no cables are obstructing airflow.
- **Front Panel I/O Not Working:** Double-check that all front panel cables (USB, Audio, Power/Reset) are correctly connected to the motherboard headers. Refer to your motherboard manual for correct pin assignments.
- **Component Clearance Issues:** If a component does not fit, re-check its dimensions against the case specifications (e.g., GPU length, CPU cooler height).

## 9. SPECIFICATIONS

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Feature	Specification
Model Name	Chasis ATX Gaming SKY WHITE
Model Number	CHA010057
Dimensions (L x W x H)	10 x 10 x 10 cm (Product); 6.3 kg
Material	Alloy Steel
Motherboard Compatibility	ATX, Micro ATX, Mini ITX
GPU Clearance	Up to 400mm
CPU Cooler Height	Up to 175mm
Fan Support	Up to 7 x 120mm fans

Feature	Specification
Liquid Cooling Support	Up to 360mm radiators
Drive Bays	2 x 2.5" SSD, 1 x 3.5" HDD
PCI Expansion Slots	7 Horizontal, 2 Vertical
Front I/O Ports	1 x USB Type-C, 1 x USB 3.0, 1 x USB 2.0, HD Audio/Mic
Power Supply Mounting	Bottom Mount
Cooling Method	Air and Water
Color	White

## 10. WARRANTY AND SUPPORT

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Hiditec products are manufactured to high-quality standards and are backed by a manufacturer's warranty. Please refer to the warranty card included with your product or visit the official Hiditec website for detailed warranty terms and conditions.

For technical support, troubleshooting assistance, or inquiries regarding your Hiditec SKY PC Gaming Case, please contact Hiditec customer service through their official website or the contact information provided on your purchase receipt.

**Online Support:** [www.hiditec.com](http://www.hiditec.com)