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Cooler Master HAF 700 EVO (H700E-IGNN-S00)

Cooler Master HAF 700 EVO E-ATX High Airflow PC Case

INSTRUCTION MANUAL

1. Introduction

This instruction manual provides detailed guidance for the setup, operation, and maintenance of your Cooler Master HAF 700 EVO E-ATX High Airflow PC Case. The HAF 700 EVO is designed to offer exceptional thermal performance and extensive customization options for PC enthusiasts and builders.

Please read this manual thoroughly before beginning the assembly process to ensure proper installation and safe operation of your new PC case.



Figure 1: Cooler Master HAF 700 EVO PC Case. This image displays the overall design of the HAF 700 EVO, highlighting its large form factor and the distinctive front panel with integrated RGB lighting.

2. Safety Information

Always observe the following safety precautions during installation and operation:

- Ensure the power supply is disconnected from the wall outlet before performing any installation or maintenance.

- Handle all components with care to prevent damage from static electricity. Consider using an anti-static wrist strap.
- Be aware of sharp edges inside the case during installation.
- Do not obstruct ventilation openings on the case.
- Keep the case away from sources of heat, direct sunlight, and moisture.
- This product is intended for indoor use only.

3. Package Contents

Verify that all items are present in your package:

- Cooler Master HAF 700 EVO PC Case
- Accessory Box (containing screws, zip ties, and other mounting hardware)
- Pre-installed 200mm Sickleflow Fans (x2)
- Pre-installed 120mm Fans (x3)
- User Manual (this document)

4. Setup and Installation

4.1. Preparation: Unpacking and Panel Removal

Carefully remove the PC case from its packaging. The HAF 700 EVO features tool-less panel removal for easy access. Locate the single thumb screw at the rear top of the case, remove it, and then slide the top panel back approximately one inch. The side panels can then be gently pulled off. The entire top can be removed by sliding it all the way back and lifting.



Figure 2: HAF 700 EVO with side panel removed. This image illustrates the spacious interior of the case, accessible after removing the side panel, facilitating component installation.

4.2. Motherboard Installation

Install your E-ATX or smaller motherboard onto the pre-installed standoffs. Secure the motherboard using the appropriate screws from the accessory box.

4.3. Power Supply Unit (PSU) Installation

The HAF 700 EVO supports bottom-mounted PSUs. Slide your PSU into the designated compartment at the rear bottom of the case and secure it with screws.

4.4. Storage Drive Installation

The case provides versatile mounting options for 3.5" HDDs and 2.5" SSDs. Utilize the tool-less drive cages and brackets provided. These can be easily removed or repositioned by pressing a metal tab or twisting a thumb lock.



Figure 3: Tool-less drive cages. This image shows the modular drive cages, which can be easily removed or repositioned to accommodate various storage configurations.

4.5. Cooling System Installation (Fans & Radiators)

The HAF 700 EVO offers extensive cooling support. It can accommodate multiple radiators up to 420mm in various locations (top, front, bottom, side) and up to 240mm at the rear. The included 360mm radiator bracket can be moved to different positions within the case.



Figure 4: Cooling system layout. This diagram illustrates the various locations and sizes of radiators and fans supported by the HAF 700 EVO, including support for up to 420mm radiators.



Figure 5: Sickleflow fan. A close-up of one of the pre-installed Sickleflow fans, designed for high airflow and efficient cooling.

4.6. Graphics Card (GPU) Installation

The HAF 700 EVO provides ample space for any size GPU, supporting both horizontal and vertical mounting configurations. Install your graphics card into the appropriate PCIe slot on your motherboard and secure it.



Figure 6: GPU clearance. This image demonstrates the generous space available for graphics cards, accommodating even the largest models.

4.7. Cable Management

Utilize the numerous cable routing cutouts and tie-down points behind the motherboard tray to ensure clean and efficient cable management. This improves airflow and aesthetics.

4.8. Front Panel Connections

Connect the front panel cables (USB 3.2 Gen 2 Type-C, USB 3.2 Gen 1, audio, power, reset, LED) to their respective headers on your motherboard. Refer to your motherboard manual for specific header locations.

4.9. IRIS Customizable LCD Assistant

The HAF 700 EVO features an integrated IRIS LCD on the front panel. This display can be customized to show system statistics, game data, or personalized images/videos. Software for customization is typically provided by Cooler Master and can be downloaded from their official website.

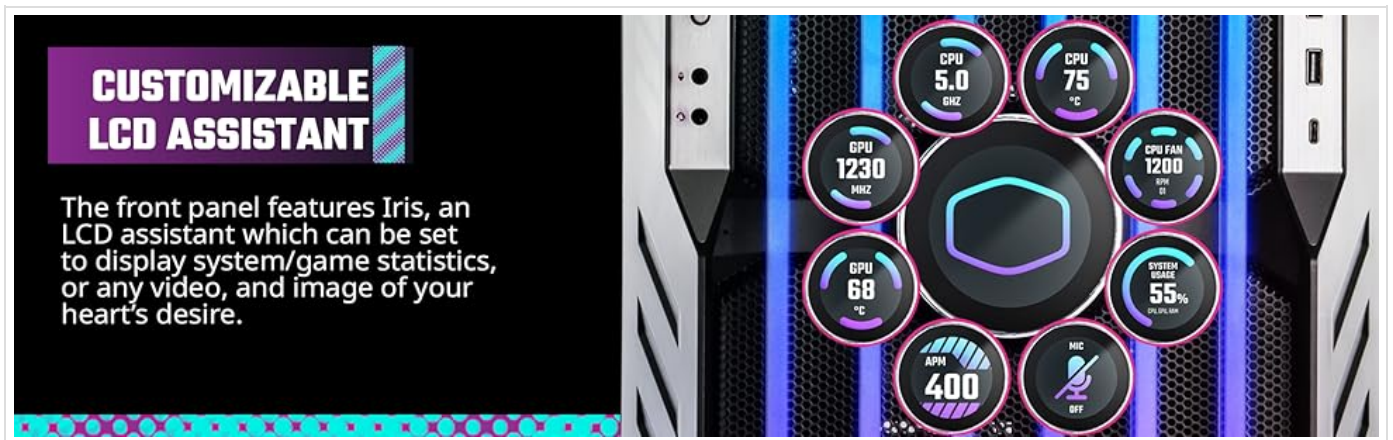


Figure 7: Customizable LCD Assistant. This image highlights the IRIS LCD on the front panel, capable of displaying various system metrics or custom content.

The front panel also features unique edge-lit intake blades, providing a distinct aesthetic and contributing to the case's high airflow design.

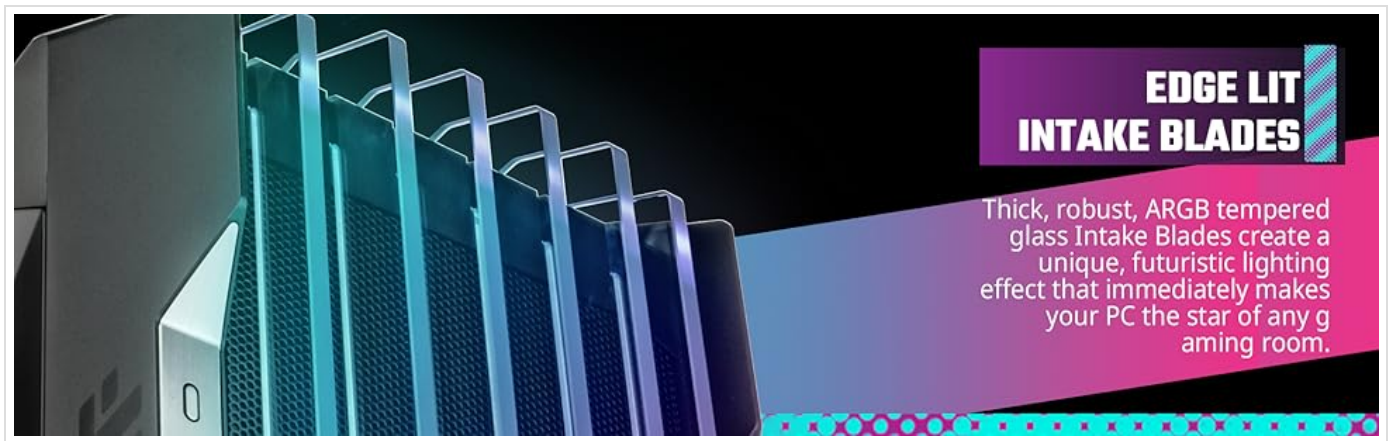


Figure 8: Edge Lit Intake Blades. This image showcases the unique design of the front panel's intake blades, which are illuminated to create a futuristic lighting effect.

5. Operating Instructions

5.1. Powering On

Once all components are installed and cables are connected, close the side panels and secure them. Connect your power supply to a wall outlet and press the power button on the front panel of the case to start your system.

5.2. IRIS LCD Operation

The IRIS LCD is controlled via Cooler Master's MasterPlus+ software. Install this software on your operating system to customize the display, monitor system parameters, and manage RGB lighting effects. Ensure the LCD's internal USB connection is properly seated on your motherboard.

5.3. ARGB Lighting Control

The pre-installed fans and front panel lighting are Addressable RGB (ARGB). These can be controlled through the MasterPlus+ software or synchronized with compatible motherboard ARGB headers and software. Refer to your motherboard's manual for ARGB header locations and software instructions.

6. Maintenance

6.1. Cleaning Dust Filters

Regularly clean the dust filters to maintain optimal airflow and cooling performance. The HAF 700 EVO features easily removable dust filters at the front, top, and bottom. Gently slide them out, clean with compressed air or a soft brush, and reinsert.

6.2. General Cleaning

For the exterior, use a soft, damp cloth to wipe down surfaces. Avoid abrasive cleaners or solvents. For the interior, use compressed air to remove dust from components and internal surfaces. Ensure the system is powered off and unplugged before cleaning.

7. Troubleshooting

Problem	Possible Cause	Solution
System does not power on.	Loose power connections, PSU switch off, faulty power button.	Check all power cables (24-pin, CPU, GPU) are securely connected. Ensure PSU switch is ON. Verify front panel power button connection to motherboard.

Problem	Possible Cause	Solution
Fans are not spinning or RGB is not working.	Loose fan/RGB connections, incorrect software settings.	Ensure fan power and ARGB cables are correctly connected to motherboard headers or controller. Check MasterPlus+ software settings.
IRIS LCD screen is black or unresponsive.	Loose internal USB connection, MasterPlus+ software issue.	Verify the internal USB cable from the LCD is securely connected to a motherboard USB header. Restart MasterPlus+ software. Update software/firmware.
Poor airflow or high temperatures.	Obstructed dust filters, incorrect fan orientation, poor cable management.	Clean dust filters. Ensure fans are oriented correctly for intake/exhaust. Improve cable management to reduce airflow obstruction.

8. Specifications

Feature	Detail
Model Name	HAF 700 EVO
Model Number	9B11-119-433
Case Type	Full Tower (E-ATX High Airflow)
Motherboard Compatibility	E-ATX, ATX, Micro-ATX, Mini-ITX
Dimensions (L x W x H)	26.22 x 24.64 x 11.45 inches
Weight	55.3 pounds
Material	Metal
Pre-installed Fans	Front: 2x 200mm Sickleflow ARGB, Rear: 3x 120mm ARGB
USB Ports	1x USB 3.2 Gen 2 Type-C, 4x USB 3.2 Gen 1 (3.0)
Cooling Method	Air
Light Color	ARGB

9. Warranty and Support

For warranty information and technical support, please visit the official Cooler Master website or contact their customer service. Keep your proof of purchase for warranty claims.

An official User Manual PDF is also available for download: [Cooler Master HAF 700 EVO User Manual \(PDF\)](#)