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## GAMDIAS AURA GC10M V2

# GAMDIAS Aura GC10m V2 ARGB Micro-Tower Computer Case User Manual

## 1. INTRODUCTION

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This manual provides detailed instructions for the installation, operation, and maintenance of your GAMDIAS Aura GC10m V2 ARGB Micro-Tower Computer Case. Please read this manual thoroughly before beginning installation to ensure proper setup and to maximize the performance and longevity of your system components.



Figure 1: GAMDIAS Aura GC10m V2 ARGB Micro-Tower Computer Case, showcasing its panoramic design and illuminated ARGB fans.

## 2. SAFETY INFORMATION

Observe the following safety precautions to prevent damage to the product or injury to yourself:

- Always disconnect the power supply from the wall outlet before performing any installation or maintenance.
- Handle internal components with care to avoid electrostatic discharge (ESD) damage. Consider using an anti-static wrist strap.
- Keep the case away from water, moisture, and extreme temperatures.
- Ensure proper ventilation to prevent overheating.
- Do not attempt to open or repair the power supply unit (PSU) if it is integrated; refer to qualified service personnel.
- Keep small parts and screws out of reach of children.

### 3. PACKAGE CONTENTS

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Verify that all items are present in the package:

- GAMDIAS Aura GC10m V2 ARGB Micro-Tower Computer Case
- Accessory Box (containing screws, cable ties, and other small parts)
- User Manual (this document)
- Pre-installed ARGB Fans (2 x 120mm side, 1 x 120mm rear)

### 4. COMPONENT IDENTIFICATION

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Familiarize yourself with the various parts of the GAMDIAS Aura GC10m V2 case:



Figure 2: Front view of the case, highlighting the tempered glass panel.



Figure 3: Rear view of the case, indicating motherboard I/O cutout, expansion slots, and rear fan mount.



Figure 4: Top I/O Panel featuring USB Type-C, USB 2.0, HD Audio, and LED switch button.

## Key Components:

- **Tempered Glass Panels:** Front and side panels for component visibility.
- **I/O Ports:** Located on the top panel, includes 1x USB Type-C, 1x USB 2.0, HD Audio, and an LED switch button.
- **Fan Mounts:** Multiple locations for cooling fans and radiators (Top, Side, Bottom, Rear).
- **Drive Bays:** Dedicated spaces for 3.5" HDDs and 2.5" SSDs.
- **Expansion Slots:** For graphics cards and other PCIe devices.

## 5. SETUP GUIDE

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Follow these steps for proper installation of your PC components:

### 5.1. Preparing the Case

1. Place the case on a flat, stable surface.
2. Carefully remove the tempered glass side panel by unlatching the simple clasp mechanism.



Figure 5: Removing the tempered glass side panel using the clasp mechanism.

### 5.2. Motherboard Installation

1. Install the I/O shield (if not pre-attached to your motherboard) into the rear opening of the case.
2. Align your Micro-ATX or Mini-ITX motherboard with the standoffs inside the case.
3. Secure the motherboard using the appropriate screws from the accessory box.

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

1. Locate the PSU mounting area, typically at the rear bottom of the case.
2. Slide the PSU into position and secure it with screws from the rear of the case.

### 5.4. Storage Drive Installation

1. For 3.5" HDDs: Install into the designated HDD cage.
2. For 2.5" SSDs: Mount onto the dedicated 2.5" drive bays.
3. Secure drives with screws.

### 5.5. Graphics Card (VGA) and Expansion Card Installation

1. Remove the necessary expansion slot covers from the rear of the case.

2. Insert your graphics card or other expansion cards into the PCIe slots on your motherboard.
3. Secure the cards with screws.

## 5.6. Fan and Radiator Installation

The case supports various fan and radiator configurations:

- **Top:** Up to 3 x 120mm or 2 x 140mm fans; Radiator up to 360mm or 280mm.
- **Side:** Up to 2 x 120mm or 2 x 140mm fans; Radiator up to 240mm.
- **Bottom:** Up to 3 x 120mm or 2 x 140mm fans.
- **Rear:** 1 x 120mm or 1 x 140mm fan; Radiator up to 120mm.



Figure 6: Cooling support diagram for fan and radiator placement.

## 5.7. Cable Management

Utilize the cable routing cutouts and tie-down points behind the motherboard tray to organize cables. This improves airflow and aesthetics.

# 6. OPERATION

## 6.1. Powering On

After all components are installed and cables are connected, close the side panel. Connect the power cable to the PSU and a wall outlet, then press the power button on the top I/O panel to start your system.

## 6.2. ARGB Lighting Control

The pre-installed ARGB fans can be controlled via the dedicated LED switch button on the top I/O panel. Press the button to cycle through various lighting modes and colors. For advanced synchronization with other ARGB components, connect the case's ARGB header to a compatible motherboard's 5V 3-pin ARGB header and use the motherboard's software.

# 7. MAINTENANCE

## 7.1. Cleaning

- Regularly clean dust filters to maintain optimal airflow.
- Use a soft, dry cloth to wipe down exterior surfaces.
- For interior cleaning, use compressed air to remove dust from components and fan blades. Ensure the system is powered off and unplugged.

## 7.2. Fan Maintenance

Periodically check fan blades for dust buildup. Clean them gently with a soft brush or compressed air. Ensure fans are securely mounted and free from obstructions.

## 8. TROUBLESHOOTING

This section addresses common issues you might encounter:

Issue	Possible Cause	Solution
System does not power on	Loose power cables, faulty PSU, incorrect front panel connections.	Check all power connections (PSU to wall, PSU to motherboard/components). Verify front panel header connections to the motherboard. Test PSU if possible.
ARGB fans not lighting up	ARGB cables disconnected, incorrect ARGB header connection, faulty fan/controller.	Ensure ARGB cables are securely connected to the controller or motherboard's 5V 3-pin ARGB header. Use the LED switch button. Check motherboard software.
Poor airflow/high temperatures	Dust buildup, incorrect fan orientation, insufficient fans.	Clean dust filters and fans. Ensure fans are oriented correctly (intake/exhaust). Consider adding more fans if needed.
Side panel difficult to close	Cables obstructing, components not fully seated.	Re-route cables for better management. Ensure all components are fully seated and not protruding.

## 9. TECHNICAL SPECIFICATIONS

Detailed specifications for the GAMDIAS Aura GC10m V2 ARGB Micro-Tower Computer Case:



Figure 7: Overview of key technical specifications.

Feature	Specification
Case Type	Micro-Tower
Motherboard Support	Micro-ATX, Mini-ITX

Feature	Specification
Dimensions (LxWxH)	42 x 29 x 36.5 cm
Item Weight	5 kg
I/O Ports	1x USB Type-C, 1x USB 2.0, HD Audio, 1x LED Switch Button
Drive Bays	1 x 3.5" or 1 x 2.5" (HDD Cage), 3 x 2.5"
Pre-installed Fans	2 x 120mm ARGB (Side), 1 x 120mm ARGB (Rear)
Fan Support (Max)	Top: 3x120mm/2x140mm, Side: 2x120mm/2x140mm, Bottom: 3x120mm/2x140mm, Rear: 1x120mm/1x140mm
Radiator Support (Max)	Top: 360mm/280mm, Side: 240mm, Rear: 120mm
CPU Cooler Height Limit	165mm
VGA Length Limit	400mm
PSU Length Limit	160mm
RGB Sync	5V 3-Pin Addressable Header

## 10. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official GAMDIAS website or contact your local retailer. Keep your proof of purchase for warranty claims.

**Manufacturer:** GAMDIAS TAIWAN, No. 113, Jian 2nd Rd., Zhonghe, Dist., New Taipei City 235, Taiwan

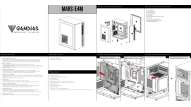


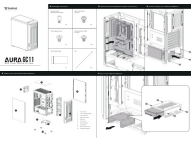
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### Related Documents - AURA GC10M V2

	<p><a href="#">GAMDIAS AURA GC12 ARGB Mid-Tower Case User Manual</a></p> <p>User manual for the GAMDIAS AURA GC12 ARGB Mid-Tower PC Case, detailing its features, specifications, and installation guide for a seamless build experience.</p>
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	<p><a href="#">MARS IE4M Micro-Tower PC Case: Installation Guide &amp; Specifications</a></p> <p>Comprehensive guide to the GAMDIAS MARS IE4M Micro-Tower PC Case, covering installation, safety, specifications, and maintenance for optimal PC building.</p>
	<p><a href="#">GAMDIAS AURA GC2 Mid-Tower PC Case Quick Installation Guide</a></p> <p>A concise guide to installing the GAMDIAS AURA GC2 Mid-Tower PC Case, covering specifications, component installation, and I/O connections.</p>
	<p><a href="#">GAMDIAS APOLLO M2 Elite Mid-Tower PC Case Quick Installation Guide</a></p> <p>This guide provides quick installation instructions for the GAMDIAS APOLLO M2 Elite mid-tower PC case, detailing specifications, component mounting, and compatibility for PC builders.</p>
	<p><a href="#">GAMDIAS ATHENA E1 Elite Mid-Tower PC Case: Quick Installation Guide</a></p> <p>This guide provides step-by-step instructions for installing the GAMDIAS ATHENA E1 Elite Mid-Tower PC Case. Learn about specifications, component compatibility, and assembly for a seamless PC build.</p>
	<p><a href="#">GAMDIAS AURA GC11 MINI-Tower Gaming PC Case Assembly and Installation Guide</a></p> <p>Comprehensive guide for assembling and installing components into the GAMDIAS AURA GC11 MINI-Tower Gaming PC Case. Includes parts identification, motherboard, PSU, HDD, GPU, and cooling system installation instructions.</p>