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## Gamemax G503X

# Gamemax G503X Elysium Gaming PC Case

Instruction Manual

## INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Gamemax G503X Elysium Gaming PC Case. Please read this manual thoroughly before beginning installation to ensure proper setup and safe use of your product. Keep this manual for future reference.

## SAFETY INFORMATION

- Always disconnect the power supply from the wall outlet before installing or removing any components inside the PC case.
- Handle all components with care to prevent damage from static electricity. Consider using an anti-static wrist strap.
- Avoid placing the PC case in direct sunlight, near heat sources, or in areas with high humidity.
- Ensure proper ventilation around the case to prevent overheating.
- Keep small parts and tools away from children.
- Do not attempt to modify the case or its components, as this may void your warranty and pose a safety risk.

## PACKAGE CONTENTS

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

- Gamemax G503X Elysium Mid Tower PC Case
- Pre-installed 120mm RGB Fans (quantity as specified on packaging, typically 3)
- Accessory kit (screws, standoffs, cable ties, etc.)
- User Manual (this document)

## FEATURES

- Mid Tower design

- Full transparent acrylic side window
- Support for ATX, Micro ATX, and Mini-ITX motherboards
- Front I/O: 1x USB 3.0, 2x USB 2.0, HD Audio (input/output)
- Integrated fan control (High/Off/Low)
- Ample space for cable management behind the motherboard tray
- Support for long graphics cards (up to 380mm)
- Multiple drive bays: 1x 5.25", 2x 3.5" HDD, 2x 2.5" SSD
- Pre-installed RGB fans for enhanced aesthetics and cooling

## SETUP AND INSTALLATION

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### 1. Unpacking the Case

Carefully remove the case from its packaging. Inspect for any damage during shipping. Remove any protective films from the acrylic side panel.



Image: Side view of the Gamemax G503X Elysium case with the transparent acrylic panel detached, showing the internal structure and front fans.

### 2. Motherboard Installation

1. Lay the case on its side.
2. Install the necessary motherboard standoffs into the motherboard tray according to your motherboard's form factor (ATX, Micro ATX, Mini-ITX).
3. Carefully place your motherboard onto the standoffs, aligning the screw holes.
4. Secure the motherboard with the provided screws.

### 3. Drive Installation

#### 3.1. 5.25" Drive (Optical Drive)

The case features one 5.25" drive bay. Remove the front panel cover, slide the drive into the bay, and secure it with screws or tool-less clips if available.

### 3.2. 3.5" HDD Drives

Install up to two 3.5" HDDs into the designated drive cages. These typically use trays or direct screw mounting. Ensure they are securely fastened.

### 3.3. 2.5" SSD Drives

Install up to two 2.5" SSDs onto the dedicated mounting points, usually located behind the motherboard tray or on the PSU shroud. Secure with screws.

## 4. CPU Cooler Installation

Install your CPU cooler according to its manufacturer's instructions. Ensure the cooler's height does not exceed the maximum supported height of 158mm for this case.

## 5. Graphics Card (GPU) Installation

1. Remove the necessary PCI slot covers from the rear of the case (up to 7 slots available).
2. Insert your graphics card into the appropriate PCIe slot on your motherboard.
3. Secure the graphics card with screws. The case supports graphics cards up to 380mm in length.



Image: Rear view of the Gamemax G503X Elysium case, highlighting the 7 PCI expansion slots and the rear fan mount.

## 6. Fan Installation and Configuration

The case comes with pre-installed RGB fans. Additional fan mounting options are available:

- **Front:** Up to 3x 120mm fans (2 pre-installed, 1 optional)
- **Rear:** 1x 120mm fan (optional, may be pre-installed)
- **Top:** Up to 2x 120mm fans (optional)

Connect all fan power cables to your motherboard or a fan controller. The case includes an integrated fan controller for speed adjustment.



Image: Front view of the Gamemax G503X Elysium case, showcasing the two illuminated RGB fans visible through the front panel.

## 7. Cable Management

Utilize the space behind the motherboard tray and the provided cable tie points to route and secure cables. This improves airflow and aesthetics.

## 8. Connecting Front Panel I/O

Connect the following cables from the case's front panel to the corresponding headers on your motherboard:

- USB 3.0 header
- USB 2.0 headers
- HD Audio header (for headphone and microphone jacks)
- Power switch, Reset switch, Power LED, HDD LED headers

## OPERATING THE CASE

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### Powering On

Once all components are installed and connected, close the side panel. Connect your monitor, keyboard, mouse, and power cable to the PC. Press the power button on the front panel to start your system.

### Fan Control

The Gamemax G503X Elysium features an integrated fan controller on the top panel. Use this controller to adjust the speed of the connected case fans to High, Low, or Off, depending on your cooling needs and noise preference.

### RGB Lighting

The pre-installed fans feature RGB LEDs. The lighting effects are typically controlled via the motherboard's RGB software or a dedicated controller if included with the fans. Refer to your motherboard manual for RGB software instructions.

## MAINTENANCE

## Cleaning

Regular cleaning helps maintain optimal performance and extends the lifespan of your components. Use a can of compressed air to remove dust from inside the case, especially from fans and heatsinks. Wipe exterior surfaces with a soft, damp cloth. Avoid using harsh chemicals or abrasive materials.

Periodically check and clean any dust filters (if present) to ensure unrestricted airflow.

## TROUBLESHOOTING

- **System does not power on:** Ensure all power cables (motherboard, CPU, GPU, drives) are securely connected. Check that the power supply switch is in the 'ON' position. Verify front panel power switch connection to the motherboard.
- **Fans are not spinning:** Check fan power connections to the motherboard or fan controller. Ensure the fan controller is set to 'High' or 'Low', not 'Off'.
- **No display output:** Ensure your graphics card is properly seated and connected to the power supply. Verify that your monitor cable is connected to the graphics card, not the motherboard's integrated graphics port (unless using integrated graphics).
- **Overheating issues:** Ensure all case fans are spinning correctly and oriented for proper airflow (intake/exhaust). Check CPU cooler installation and thermal paste application. Ensure the case is not obstructed.

For further assistance, consult your motherboard and component manuals or contact Gamemax support.

## SPECIFICATIONS

Feature	Specification
Case Type	Mid Tower
Model	G503X Elysium
Color	Black
Side Panel	Full Transparent Acrylic
Motherboard Support	ATX, Micro ATX, Mini-ITX
Drive Bays	1x 5.25", 2x 3.5" HDD, 2x 2.5" SSD
PCI Expansion Slots	7
Front I/O Ports	1x USB 3.0, 2x USB 2.0, HD Audio (Input/Output)
Fan Control	Integrated (High/Off/Low)
Pre-installed Fans	3x 120mm RGB Fans (typically 2 front, 1 rear)
Optional Fan Support	Front: 3x 120mm; Rear: 1x 120mm; Top: 2x 120mm
Max CPU Cooler Height	158mm
Max Graphics Card Length	380mm
Cable Management Space	Yes (behind motherboard tray)

Material	Acrylic (side panel)
Item Weight	5.75 kg

## WARRANTY AND SUPPORT

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Gamemax products come with a limited warranty. Please refer to the warranty information provided with your purchase or visit the official Gamemax website for details on warranty terms and conditions. For technical support or inquiries, please contact your retailer or Gamemax customer service.

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