GAMEMAX M905

GAMEMAX Master M905 ATX Full Tower Computer Case User Manual
Model: M905

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your GAMEMAX Master M905 ATX Full Tower Computer Case. Please read this manual thoroughly before beginning assembly to ensure proper setup and safe usage. This computer case is designed to accommodate ATX motherboards and offers ample space for high-performance components and advanced cooling solutions.

2. SAFETY INFORMATION

- Always disconnect the power supply from the wall outlet before installing or removing any components to prevent electrical shock.

- Handle internal components with care. Avoid touching circuit boards directly; hold them by their edges.

- Wear an anti-static wrist strap when handling sensitive electronic components to prevent electrostatic discharge (ESD) damage.

- Keep small parts and screws away from children.

- Ensure proper ventilation around the computer case to prevent overheating.

3. PACKAGE CONTENTS

Verify that all items listed below are present in your package:

- GAMEMAX Master M905 ATX Full Tower Computer Case

- Accessory Box (containing screws, standoffs, cable ties, and user manual)

- Pre-installed cooling fans (quantity may vary by model variant)

4. COMPONENT IDENTIFICATION

Familiarize yourself with the various parts of the GAMEMAX Master M905 case.

Figure 4.1: Front-left view of the GAMEMAX Master M905 case, showcasing the tempered glass side panel and the front mesh panel with two illuminated blue fans. The top panel features front I/O ports.

Figure 4.2: Top-front perspective of the case, showing the top ventilation grille and the front I/O panel which includes USB 2.0 and USB 3.0 ports, audio jacks, and power/reset buttons.

Figure 4.3: Internal view of the case, illustrating the spacious interior with multiple drive bays, the motherboard mounting area, and the dedicated power supply shroud at the bottom.

5. INSTALLATION GUIDE

5.1. Preparing the Case

1. **Remove Side Panels:** Locate the thumbscrews on the rear of the case. Unscrew them and carefully slide off the tempered glass side panel and the solid steel side panel. Set them aside on a soft, non-abrasive surface.

2. **Accessory Box:** Locate the accessory box inside the case, usually secured in a drive bay. This box contains all necessary screws, standoffs, and cable ties for installation.

5.2. Motherboard Installation

1. **Install Standoffs:** Identify the correct standoff locations for your ATX motherboard. The Master M905 typically has pre-installed standoffs for ATX. If not, install them using the provided tool.

2. **Install I/O Shield:** Snap your motherboard's I/O shield into the opening at the rear of the case from the

inside. Ensure it is securely seated.

3. **Mount Motherboard:** Carefully align your motherboard with the standoffs and the I/O shield. Gently lower the motherboard into place.

4. **Secure Motherboard:** Use the provided motherboard screws to secure the motherboard to the standoffs. Do not overtighten.

5.3. Power Supply Unit (PSU) Installation

1. **Position PSU:** The Master M905 supports bottom-mounted PSUs. Slide your PSU into the designated compartment at the bottom rear of the case, ensuring the fan faces downwards (if the case has a bottom vent) or upwards.

2. **Secure PSU:** Align the PSU with the screw holes at the rear of the case. Secure it with the provided PSU screws.

5.4. Storage Drive Installation (HDD/SSD)

The case supports various drive configurations. Refer to the internal layout for specific bay types.

- **3.5" HDDs:** Typically installed in tool-less drive cages or trays. Slide the HDD into a tray and secure it with clips or screws.

- **2.5" SSDs:** Can be mounted on dedicated SSD brackets behind the motherboard tray or in 3.5" drive trays using adapter screws.

5.5. Expansion Card Installation (PCIe)

1. **Remove Slot Covers:** Unscrew or remove the necessary PCIe slot covers from the rear of the case corresponding to your motherboard's PCIe slots.

2. **Install Card:** Carefully insert your expansion card (e.g., graphics card) into the appropriate PCIe slot on the motherboard until it clicks into place.

3. **Secure Card:** Secure the expansion card to the case with the provided screws.

5.6. Front Panel Connector Installation

Connect the front panel cables from the case to the corresponding headers on your motherboard. Consult your motherboard manual for exact header locations.

- **USB 2.0/3.0:** Connect the USB cables to the motherboard's USB headers.

- **Audio:** Connect the HD Audio cable to the motherboard's audio header.

- **Power/Reset/LEDs:** Connect the small individual cables (Power SW, Reset SW, HDD LED, Power LED) to the front panel header pins on your motherboard. Pay close attention to polarity for LEDs.

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

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

6.2. Front I/O Ports

The front panel provides convenient access to:

- **USB 2.0 Ports:** For connecting peripherals like keyboards, mice, and older USB devices.
- **USB 3.0 Ports:** For high-speed data transfer with compatible devices.
- **Audio Jacks:** For connecting headphones and microphones.
- **Power Button:** To turn the system on/off.
- **Reset Button:** To restart the system.

7. MAINTENANCE

7.1. Cleaning

Regular cleaning helps maintain optimal performance and extends the lifespan of your components.

- **Exterior:** Wipe the exterior surfaces with a soft, damp cloth. Avoid harsh chemicals.
- **Interior:** Use compressed air to remove dust from fans, heatsinks, and other components. Perform this outdoors or in a well-ventilated area.

7.2. Dust Filter Maintenance

The Master M905 case is equipped with dust filters to prevent dust buildup. Regularly clean these filters:

- Locate and remove the dust filters (e.g., front, top, bottom PSU intake).
- Rinse them under running water or use a soft brush to remove accumulated dust.
- Ensure filters are completely dry before re-installing them.

8. TROUBLESHOOTING

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

- **System not powering on:** Check all power connections, including the PSU to the wall, the 24-pin ATX connector, and the 8-pin CPU power connector to the motherboard. Ensure the front panel power switch cable is correctly connected to the motherboard.
- **Fans not spinning:** Verify that all fan cables are securely connected to the motherboard fan headers or a fan controller.
- **USB ports not working:** Ensure the front panel USB cables are correctly connected to the motherboard's USB headers.
- **No display output:** Confirm that your graphics card is properly seated in its PCIe slot and that all necessary power cables are connected to it. Ensure your monitor cable is connected to the graphics card, not the motherboard's integrated graphics ports (unless you are using integrated graphics).

9. SPECIFICATIONS

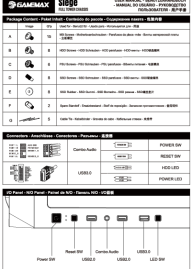| Feature	Specification
Brand	GAMEMAX
Model	Master M905
Case Type	Full Tower
Motherboard Compatibility	ATX
Material	Steel, Tempered Glass
Color	Black
Product Dimensions (LxWxH)	23.5 x 22.95 x 11.26 inches
Front I/O Ports	2x USB 2.0, 2x USB 3.0, Audio In/Out
Expansion Slots	8
Cooling Method	Air, Water
Power Supply Mounting Type	Tower (Bottom-mounted)

10. WARRANTY AND SUPPORT

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

Related Documents - M905

[GameMax Master 2 Full Tower Case Installation Guide](#)
Comprehensive installation guide for the GameMax Master 2 full tower computer case, detailing hardware components, exploded views, and step-by-step assembly instructions for PSU, motherboard, GPU, storage, and cooling systems.

[GAMEMAX Silent Max M903, Master M905, Kallis M907SE PC Case User Manual](#)
Comprehensive user manual for GAMEMAX Silent Max M903, Master M905, and Kallis M907SE PC cases. Includes specifications, exploded views, front I/O panel details, and installation instructions for components like motherboards, power supplies, drives, and fans. Learn how to assemble and maintain your PC case.

	GAMEMAX Diamond CP PC Case User Manual User manual for the GAMEMAX Diamond CP PC case, covering specifications, installation of components like PSU, motherboard, VGA card, storage, fans, and liquid cooling, along with an introduction to the COC (Cooling & Overclocking) system and connectivity options.
	GAMEMAX Draco XD Mid-Tower Gaming Case User Manual and Specifications Comprehensive user manual and technical specifications for the GAMEMAX Draco XD Mid-Tower Gaming Case, covering features, installation guides, accessory contents, and compliance information.
	GAMEMAX Siege Full Tower Chassis User Manual and Installation Guide Comprehensive user manual and installation guide for the GAMEMAX Siege Full Tower PC Case, detailing package contents, component installation, exploded view, and cooling system compatibility.
	GAMEMAX DRAGON KNIGHT 2 Full Tower Case Installation Guide Comprehensive installation guide for the GAMEMAX DRAGON KNIGHT 2 Full Tower PC Case, covering hardware, I/O panel, component installation, and cooling system setup.