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## GAMEMAX Titan Silent

# GAMEMAX Titan Silent Full Tower PC Case User Manual

Model: Titan Silent

## 1. INTRODUCTION

The GAMEMAX Titan Silent is a full tower PC case designed for high-performance system builds, offering extensive compatibility and features for silent operation and efficient cooling. This manual provides detailed instructions for assembly, operation, and maintenance to ensure optimal use of your PC case.



Figure 1: Front-left view of the GAMEMAX Titan Silent Full Tower PC Case.

## 2. KEY FEATURES

- **Full Tower Design:** Accommodates E-ATX, ATX, Micro ATX, and Mini ITX motherboards.
- **Silent Operation:** Features sound-dampening panels and pre-installed silent fans.
- **Advanced Cooling Support:** Water cooling ready with support for up to 360mm radiators at the front and top. Includes 3 pre-installed 120mm silent fans.
- **Extensive Storage Options:** 8 internal 3.5" drive bays and 2 internal 2.5" drive bays, with tool-free installation for HDDs.
- **Optimized Cable Management:** 25mm space behind the motherboard tray for efficient cable routing.

- **Front Panel I/O:** Top-mounted ports including 2 x USB 3.0, 2 x USB 2.0, HD Audio In/Out, and a fan speed controller.
- **Component Compatibility:** Supports VGA cards up to 420mm and CPU coolers up to 170mm in height.
- **Dust Filtration:** Removable dust filters on the top and bottom for easy cleaning.
- **Robust Construction:** Constructed from alloy steel with rolled edges for enhanced safety and durability.

## 3. SETUP AND INSTALLATION

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Before beginning installation, ensure your system is powered off and disconnected from the mains electricity. Handle all components with care to prevent damage.

### 3.1 Opening the Case

1. Place the case on a flat, stable surface.
2. Locate the thumbscrews on the rear of the side panels. Unscrew them.
3. Gently slide the side panels backward and then lift them off.

### 3.2 Motherboard Installation

1. Install the I/O shield provided with your motherboard into the opening at the rear of the case.
2. Align the motherboard with the pre-installed standoffs. Ensure all screw holes on the motherboard match the standoffs.
3. Secure the motherboard with the appropriate screws.

### 3.3 Drive Installation (3.5" HDDs and 2.5" SSDs)

The Titan Silent case features tool-free drive bays for 3.5" HDDs and dedicated mounts for 2.5" SSDs.



Figure 2: Interior view showing the removable drive cages for 3.5" HDDs.

### 3.3.1 3.5" HDD Installation

1. Locate the 3.5" drive cages. These are designed for tool-free installation.
2. Gently pull the side of a drive tray to release it from the cage.
3. Place your 3.5" HDD into the tray, aligning the screw holes with the pins on the tray.
4. Slide the loaded tray back into the drive cage until it clicks into place.

### 3.3.2 2.5" SSD Installation

1. Locate the 2.5" SSD mounting points, typically on the back of the motherboard tray.
2. Secure the 2.5" SSD using the provided screws.

## 3.4 Power Supply Unit (PSU) Installation

1. Position the PSU at the bottom rear of the case, ensuring the fan faces downwards (if the case has a bottom vent) or upwards.

2. Secure the PSU to the case using the screws provided with your PSU.

### 3.5 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 appropriate PCIe slots on your motherboard.
3. Secure the cards with screws.

### 3.6 Cable Management

Utilize the 25mm space behind the motherboard tray and the various cable routing cutouts to organize your cables. This improves airflow and aesthetics.

## 4. OPERATING INSTRUCTIONS

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### 4.1 Front Panel I/O Ports

The top panel of the GAMEMAX Titan Silent case provides convenient access to essential ports:

- **Power Button:** To turn the system on/off.
- **Reset Button:** To restart the system.
- **USB 3.0 Ports (x2):** For high-speed data transfer.
- **USB 2.0 Ports (x2):** For standard USB devices.
- **HD Audio Jacks (Headphone/Microphone):** For audio input and output.

### 4.2 Fan Speed Control

The integrated fan speed controller allows you to adjust the speed of the pre-installed silent fans. Use the button on the top panel to cycle through different fan speed settings (e.g., Low, Medium, High) to balance cooling performance and noise levels according to your preference.

## 5. MAINTENANCE

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### 5.1 Dust Filter Cleaning

Regular cleaning of the dust filters is crucial for maintaining optimal airflow and cooling performance.

1. Ensure the PC is powered off and unplugged.
2. Locate the removable dust filters on the top and bottom of the case.
3. Gently slide out or detach the filters.
4. Clean the filters using compressed air, a soft brush, or by rinsing them with water (ensure they are completely dry before reinstallation).
5. Reattach the clean filters to the case.

## 6. TROUBLESHOOTING

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If you encounter issues with your PC build, consider the following general troubleshooting steps:

- **No Power:** Check all power connections, including the PSU to the wall, PSU to motherboard, and front panel power switch header.

- **No Display:** Ensure your graphics card is properly seated and connected to the monitor. Verify RAM modules are correctly installed.
- **Overheating:** Confirm all fans are spinning, dust filters are clean, and thermal paste is correctly applied to the CPU cooler.
- **Fan Noise:** Adjust fan speeds using the integrated controller. Ensure no cables are obstructing fan blades.

For more specific issues, consult the manuals for your individual components (motherboard, GPU, etc.) or seek professional assistance.

## 7. SPECIFICATIONS

Feature	Specification
Case Type	Full Tower
Motherboard Compatibility	E-ATX, ATX, Micro ATX, Mini ITX
External 5.25" Drive Bays	3
Internal 3.5" Drive Bays	8
Internal 2.5" Drive Bays	2
Expansion Slots	8
Front I/O Ports	2 x USB 3.0, 2 x USB 2.0, HD Audio In/Out, Fan Speed Controller
Pre-installed Fans	Front: 2 x 120mm Black Silent; Rear: 1 x 120mm Black Silent
Radiator Support (Front)	Up to 360mm
Radiator Support (Top)	Up to 360mm
Max VGA Card Length	420mm
Max CPU Cooler Height	170mm
Cable Management Space	25mm
PSU Mounting Type	Bottom Mount
Material	Alloy Steel
Product Dimensions (L x W x H)	59.69 x 28.6 x 57.4 cm
Item Weight	10.98 kg

## 8. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation included with your purchase or visit the official GAMEMAX website. Keep your proof of purchase for warranty claims.

