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> [GameMax Spark Pro Gaming Cube ATX Modular PC Case Instruction Manual](#)

## GAMEMAX Spark Pro

# GameMax Spark Pro Gaming Cube ATX Modular PC Case Instruction Manual

Model: Spark Pro | Brand: GAMEMAX

## 1. INTRODUCTION

This manual provides comprehensive instructions for the assembly, installation, and maintenance of your GameMax Spark Pro Gaming Cube ATX Modular PC Case. Please read this manual carefully before beginning installation to ensure proper setup and optimal performance of your system.

## 2. PRODUCT OVERVIEW

The GameMax Spark Pro is a modular ATX PC case designed for gaming systems, featuring a compact form factor with extensive hardware support and efficient cooling capabilities. It is available in various color configurations, including white.

### Key Features:

- **Professional Design:** Features a textured all-metal faceplate for a refined finish.
- **Dual Tempered Glass Side Panels:** Two 3mm tempered glass panels, with a clear left side for component visibility and a white tinted right side for a clean aesthetic.
- **Modular Chassis and Vertical Airflow:** Supports ATX, M-ATX, or ITX motherboards with a design optimized for vertical airflow, accommodating up to six 120mm fans and multiple radiator positions.
- **USB Type-C Header:** Front I/O includes a USB Type-C port for connecting modern external devices.
- **Optimized Cable Management:** Features 6 cable management holes behind the motherboard tray for organized wiring.



Figure 2.1: Front-angled view of the GameMax Spark Pro PC Case, showcasing the tempered glass side panel and internal structure with SSD mounts.



Figure 2.2: The GameMax Spark Pro PC Case with internal components, monitor, keyboard, and mouse, illustrating a complete setup.

### 3. SETUP AND COMPONENT INSTALLATION

Before installing components, ensure the case is placed on a stable, flat surface. Remove the tempered glass side panels by unscrewing the thumb screws located at the rear of the case.

#### 3.1 Motherboard Installation

1. Identify the correct standoff positions for your ATX, M-ATX, or ITX motherboard.
2. Secure the motherboard to the standoffs using the provided screws.

#### 3.2 Power Supply Unit (PSU) Installation

The Spark Pro features a unique PSU mounting position, typically located at the top or in a less conventional area compared to standard cases. Carefully align your PSU with the mounting bracket and secure it with screws. **Note:** Depending on your PSU's power outlet orientation, minor adjustments or bending of a non-visible part of the case may be necessary for proper fitment. Ensure the PSU fan is oriented correctly for optimal airflow.



Figure 3.1: Rear view of the PC case, highlighting the power supply unit (PSU) mounting area and expansion slots.

### 3.3 Graphics Card (GPU) Installation

1. Remove the necessary expansion slot covers at the rear of the case.
2. Insert your graphics card into the PCIe slot on the motherboard and secure it with the retention clip and screws. The case supports graphics cards up to 355mm in length.

### 3.4 Storage Drive Installation (SSD/HDD)

The case provides dedicated mounts for SSDs and HDDs. Secure your 2.5-inch SSDs or 3.5-inch HDDs to the designated trays or mounting points using the provided screws.

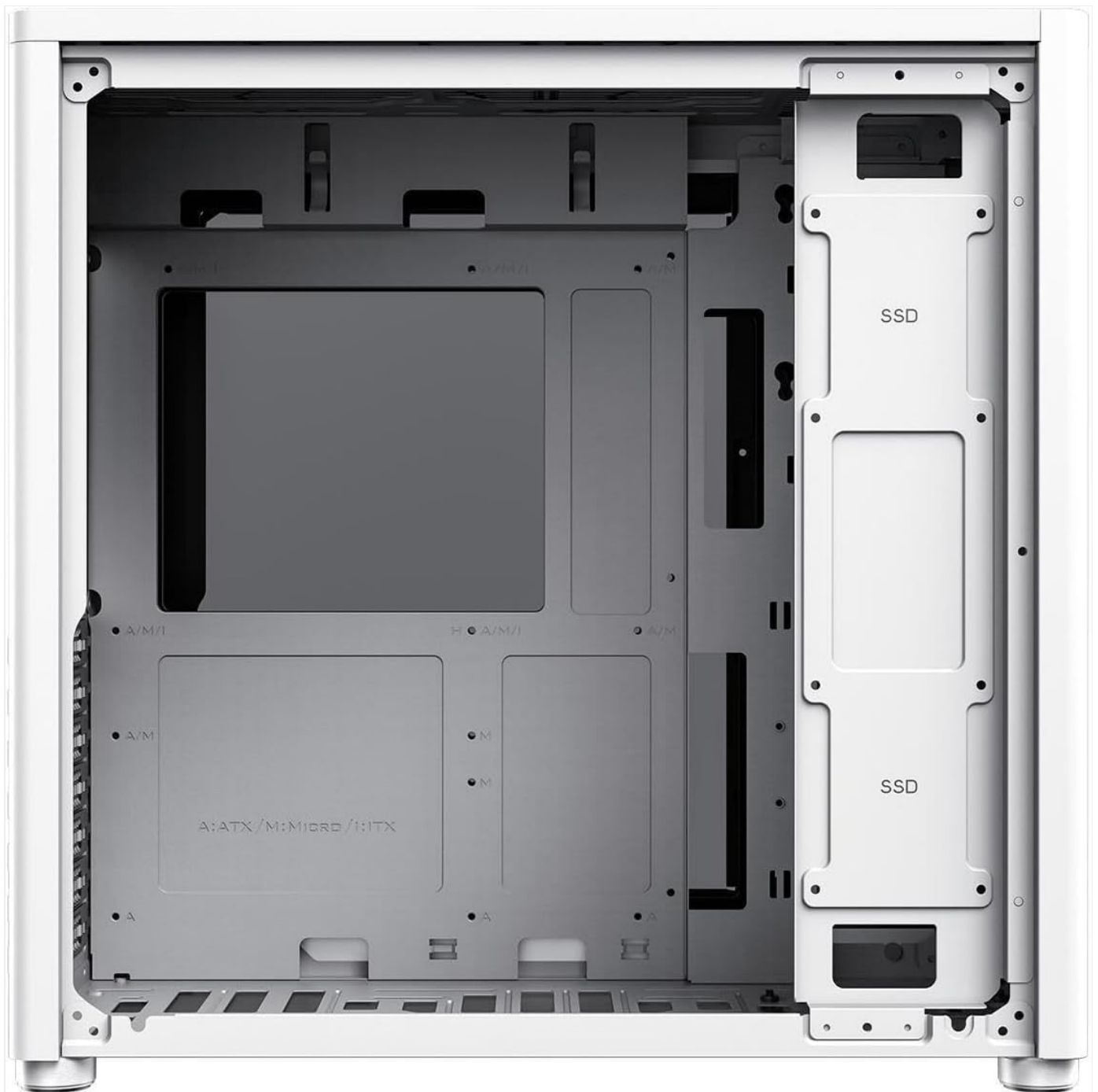


Figure 3.2: Internal view of the PC case, illustrating the motherboard tray and dedicated SSD mounting locations.

### 3.5 Cooling System Installation (Fans/Radiators)

The Spark Pro supports up to six 120mm fans and multiple radiator configurations:

- **Top:** Space for 2 x 120mm or 2 x 140mm fans/radiators.
- **Bottom:** Space for 3 x 120mm or 2 x 140mm fans/radiators.
- **Rear:** Space for 1 x 120mm fan.

Install fans and radiators according to your cooling requirements, ensuring proper airflow direction for optimal thermal performance. The vertical airflow design promotes efficient heat dissipation from bottom to top.



Figure 3.3: Angled top view of the PC case, highlighting the ventilation design for top-mounted fans or radiators.

### 3.6 Cable Management

Utilize the 6 cable management holes and the space behind the motherboard tray to route and organize all power and data cables. Proper cable management improves airflow and aesthetics.

## 4. OPERATING CONSIDERATIONS

The GameMax Spark Pro is designed with a vertical airflow path. Ensure that intake fans are positioned at the bottom and

exhaust fans at the top and rear to facilitate efficient heat removal. The additional fan points at the bottom are strategically placed to direct airflow towards the graphics card, enhancing its cooling performance.



Figure 4.1: Front panel of the PC case, displaying the power button, audio jacks, USB 3.0, and USB Type-C ports.

## 5. MAINTENANCE

Regular maintenance helps prolong the life of your PC components and ensures optimal performance.

- **Dust Cleaning:** Periodically clean dust filters and internal components using compressed air. Ensure the system is powered off and unplugged before cleaning.
- **Tempered Glass Panels:** Clean the tempered glass panels with a soft, lint-free cloth and a mild glass cleaner. Avoid abrasive materials that could scratch the glass.
- **Cable Management:** Occasionally check cable routing to ensure no cables are obstructing airflow or fan operation.

## 6. TROUBLESHOOTING

### 6.1 Power Supply Unit (PSU) Fitment Issues

If you encounter difficulties installing the PSU due to its outlet orientation, it may be necessary to carefully bend or remove a non-critical, non-visible part of the case's PSU mounting area. This is a known characteristic of the design for some PSU models. Proceed with caution or consult a professional if unsure.

### 6.2 Poor Airflow/Overheating

Ensure all fans are installed with the correct orientation for the vertical airflow design (bottom intake, top/rear exhaust). Verify that no cables are obstructing fan blades or airflow paths. Clean dust filters regularly to prevent buildup that restricts air movement.

### 6.3 Front Panel USB/Audio Not Functioning

Check all front panel connectors (USB 3.0, USB Type-C, HD Audio) are securely connected to the correct headers on your motherboard. Refer to your motherboard manual for header locations.

## 7. SPECIFICATIONS

Feature	Detail
Brand	GAMEMAX
Model Name	Spark Pro
Item Model Number	GMX-SPARKWHT-PRO
Case Type	Mid Tower
Motherboard Compatibility	ATX, Micro ATX, ITX
Color	White
Material	Tempered Glass, Metal
Product Dimensions (L x W x H)	40.1 x 20.3 x 40 cm
Item Weight	5.4 kg
Max GPU Length	355mm
Max CPU Cooler Height	168mm
Fan Support (Top)	2 x 120mm or 2 x 140mm

Feature	Detail
Fan Support (Bottom)	3 x 120mm or 2 x 140mm
Fan Support (Rear)	1 x 120mm
USB 3.0 Ports	1
USB 2.0 Ports	2
USB Type-C Ports	1 (Front I/O)
Power Supply Mounting Type	Bottom Mount (unique orientation)

## 8. WARRANTY AND SUPPORT

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

For further assistance, you may visit the GAMEMAX Store online: [GAMEMAX Store](#)