MSI MPG SEKIRA 500P

MSI MPG SEKIRA 500P Gaming PC Case User Manual

Model: MPG SEKIRA 500P

Product Overview

The MSI MPG SEKIRA 500P is a premium mid-tower gaming PC case designed for optimal performance and user convenience. It features a sophisticated design with tool-less tempered glass side panels, ensuring both aesthetic appeal and easy access to internal components. The case is engineered for superior cooling, supporting various fan and radiator configurations, including a modular radiator bracket for simplified liquid cooler installation. It also offers flexible component installation options, such as vertical graphics card support and compatibility with EATX motherboards.



Figure 1: Angled view of the MSI MPG SEKIRA 500P Gaming PC Case, showcasing its sleek black design and tempered glass side panel.

Key Features

- **Modular Radiator Bracket:** Facilitates easy installation of AIO liquid coolers, providing ample space for advanced water-cooling setups without requiring tools.
- **Dual Hinged Swing Doors:** Equipped with premium 4mm thick tempered glass, these side doors offer durability, excellent viewing capability, and convenient access to the interior.
- **Optimized Airflow:** Features three 120mm fans vertically aligned at the front to ensure even air intake across the enclosure, contributing to positive air pressure and efficient heat exhaustion through the rear and top.
- **Vertical Graphics Card Support:** Allows for the installation of up to three graphics cards in standard orientation or one vertically (riser cable sold separately).
- **Motherboard Compatibility:** Designed to accommodate various motherboard sizes, including Extended ATX (EATX), Mini-ITX, Micro-ATX, and ATX, with multiple easy installation mechanisms.

Setup and Installation

1. Preparing the Case

Before beginning installation, ensure you have a clean, static-free workspace. Carefully unbox the MPG SEKIRA 500P case and remove all packaging materials. Inspect the case for any signs of damage during transit.



Figure 2: Front view of the MPG SEKIRA 500P, highlighting the front panel design and pre-installed fans.

2. Accessing the Interior

The case features dual hinged swing doors made of 4mm tempered glass. To open, gently pull the handle on the side panel. The panels can be completely removed by lifting them off their hinges for easier access during component installation.



Figure 3: The dual hinged tempered glass side panel swung open, demonstrating tool-less access to the case interior.

3. Motherboard Installation

The MPG SEKIRA 500P supports various motherboard form factors including EATX, ATX, Micro-ATX, and Mini-ITX. Install the necessary standoffs for your motherboard size. Carefully align your motherboard with the standoffs and I/O shield, then secure it with screws.



Figure 4: Motherboard compatibility diagram, illustrating support for EATX, ATX, Micro-ATX, and Mini-ITX form factors.

4. Power Supply Installation

The power supply unit (PSU) mounts at the bottom of the case. Slide the PSU into its designated bay from the rear and secure it with screws.

5. Storage Drive Installation

The case provides multiple bays for 2.5-inch and 3.5-inch storage drives. Utilize the provided drive trays and mounting points to secure your SSDs and HDDs.

6. Graphics Card Installation

Install your graphics card(s) into the appropriate PCIe slots on your motherboard. The case supports vertical graphics card mounting, requiring a separate riser cable (not included).

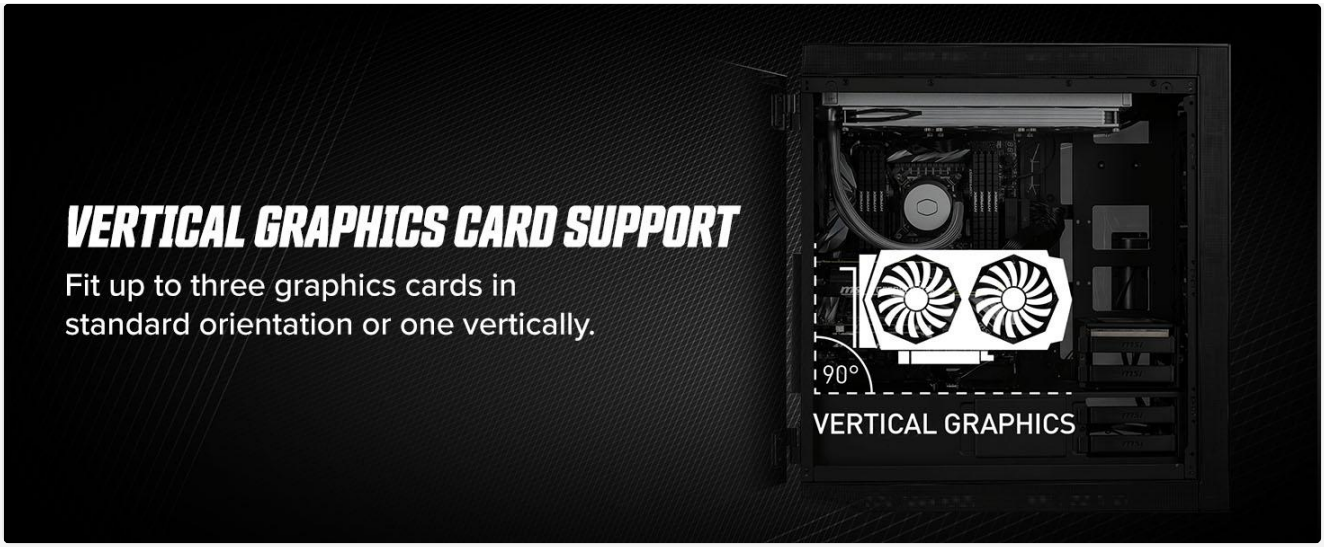


Figure 5: Illustration of vertical graphics card installation, demonstrating the case's flexibility for display components.

7. Cooling System Installation (Fans & Radiators)

The MPG SEKIRA 500P comes with three pre-installed 120mm fans at the front. Additional fans can be installed at the top and rear. The modular radiator bracket simplifies the installation of liquid cooling radiators up to 360mm.

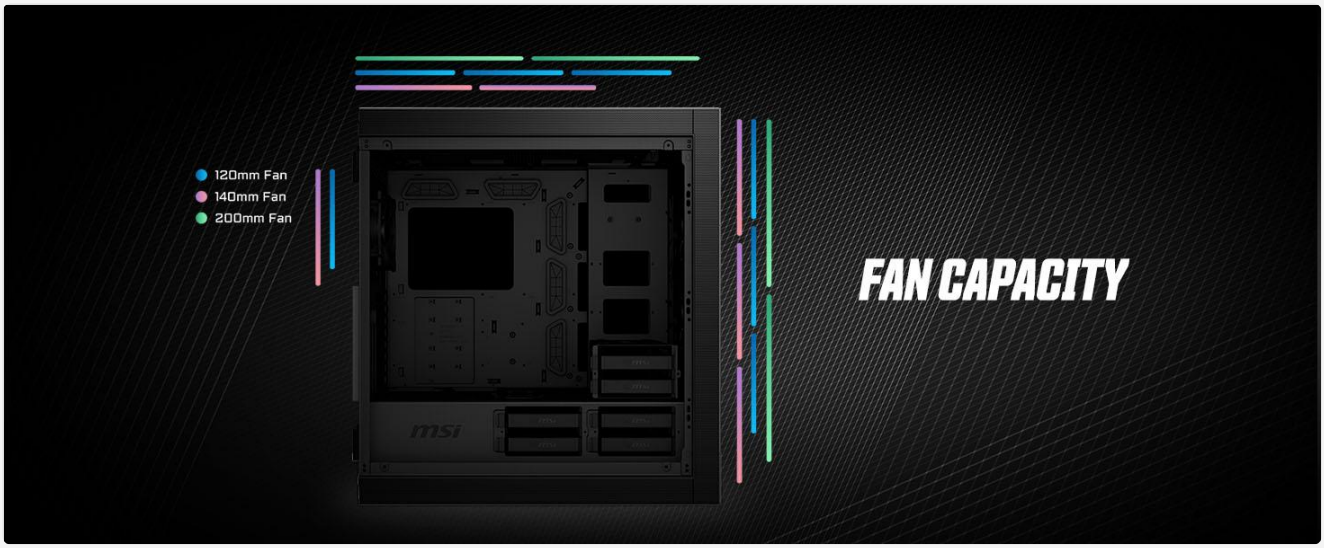


Figure 6: Fan capacity diagram, indicating supported fan sizes (120mm, 140mm, 200mm) and their placement options within the case.

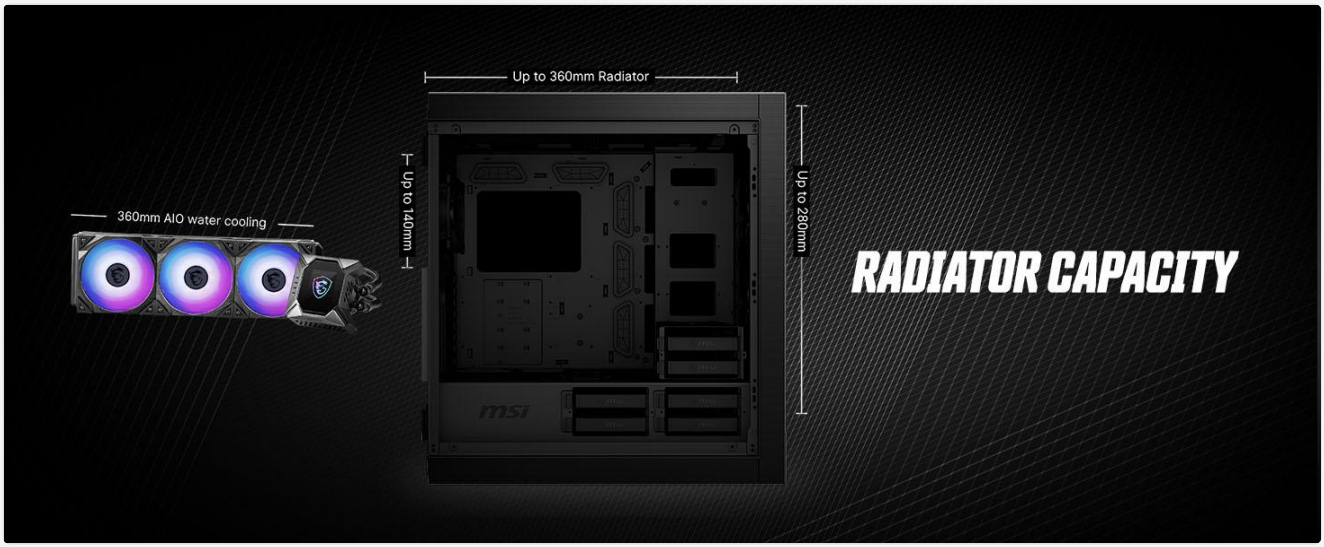


Figure 7: Radiator capacity diagram, showing support for radiators up to 360mm, particularly in the front and top sections.

8. Cable Management

Utilize the cable routing cutouts and tie-down points behind the motherboard tray to manage cables effectively. Proper cable management improves airflow and aesthetics.

Operating Instructions

1. Initial Power On

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

2. Front I/O Panel Functions

The top I/O panel includes:

- **Power Button:** Turns the system on/off.
- **Reset Button:** Restarts the system.
- **USB 3.0 Ports:** For high-speed data transfer.
- **USB 2.0 Ports:** For connecting peripherals.
- **Audio Jacks:** For headphones and microphone.
- **LED Control Button:** Cycles through various RGB lighting effects for compatible components.

Maintenance

1. Dust Filter Cleaning

The MPG SEKIRA 500P is equipped with removable dust filters at the front, top, and bottom (under the PSU) to prevent dust buildup. Regularly clean these filters by gently sliding them out, dusting them off, and reinserting them. Cleaning frequency depends on environmental dust levels, but a monthly check is recommended.

2. Interior Cleaning

Periodically, open the side panels and use compressed air to remove dust from internal components such as fans, heatsinks, and circuit boards. Ensure the system is powered off and unplugged before performing interior cleaning.

3. Tempered Glass Care

Clean the tempered glass panels with a soft, lint-free cloth and a non-abrasive glass cleaner. Avoid harsh chemicals or abrasive materials that could scratch the glass.

Troubleshooting

1. System Not Powering On

- Check if the power cable is securely connected to both the PSU and the wall outlet.
- Ensure the PSU switch is in the 'ON' position.
- Verify that the front panel power button cable is correctly connected to the motherboard's F_PANEL header.
- Confirm that all internal power cables (24-pin ATX, CPU, GPU) are properly seated.

2. Fans Not Spinning / RGB Not Lighting Up

- Check fan power connections to the motherboard or fan hub.
- Ensure RGB cables are correctly connected to the motherboard's RGB headers or the case's integrated RGB controller.
- Use the LED control button on the front I/O panel to cycle through lighting modes.

3. High Temperatures

- Ensure all case fans are spinning and oriented correctly for optimal airflow (intake at front, exhaust at rear/top).
- Clean dust filters and internal components as described in the Maintenance section.
- Verify that CPU cooler and GPU fans are functioning properly.

Specifications

Feature	Detail
Brand	MSI
Model Name	SEKIRA 500P
Case Type	Mid Tower
Motherboard Compatibility	Extended ATX, ATX, Micro-ATX, Mini-ITX
Material	Tempered Glass, Steel, Aluminum
Color	Black
Dimensions (LxWxH)	20.9 x 9.13 x 21.5 inches (53.1 x 23.2 x 54.6 cm)
Item Weight	41.2 pounds (18.7 kg)
Front I/O Ports	2x USB 2.0, 1x USB 3.0, Audio In/Out, Power, Reset, LED Control
Pre-installed Fans	3x 120mm (Front)
Max Fan Capacity	Up to 7 fans (e.g., 3x Front, 3x Top, 1x Rear)
Radiator Support	Up to 360mm (Front/Top)
Vertical GPU Support	Yes (Riser cable sold separately)
Power Supply Mounting	Bottom Mount

Warranty and Support

For detailed warranty information and technical support, please refer to the official MSI website or contact MSI customer service. Keep your proof of purchase for warranty claims.
MSI Official Website: www.msi.com
Customer Support: Please visit the support section on the MSI website for FAQs, driver downloads, and contact information.

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