IN WIN 509 Medieval Metal

IN WIN 509 Medieval Metal E-ATX Full Tower Computer Case User Manual

1. INTRODUCTION AND OVERVIEW

This manual provides detailed instructions for the installation, operation, and maintenance of your IN WIN 509 Medieval Metal E-ATX Full Tower Computer Case. The 509 Medieval Metal case is a limited edition E-ATX full tower, meticulously crafted from brushed hairline aluminum and SECC. It features a unique design inspired by medieval aesthetics, including a hand-crafted shield with a backlight LED In Win logo and an exclusive I/O panel integrated into a sword design, where the power button is discreetly located in the hilt.

Figure 1: Front-side view of the IN WIN 509 Medieval Metal Computer Case, showcasing its unique design elements.

2. PRODUCT FEATURES

- **Hand-crafted Shield with Backlight LED:** A distinctive shield design on one side panel, featuring the In Win logo illuminated by a backlight LED.

- **Exclusive Sword-Designed I/O Panel:** The front I/O panel is uniquely integrated into a sword design, with the power button located in the hilt for a seamless aesthetic.

Figure 2: Detailed view of the sword-designed I/O panel, highlighting the USB ports and power button.

- **Limited Production Commemorative Plate:** Each case includes a commemorative plate with the signatures of the modders (BSMods), signifying its limited edition status.

Figure 3: The commemorative plate, featuring signatures and indicating the limited edition status.

- **Removable Tinted Tempered Glass Window:** A side panel features a removable tinted tempered glass window, allowing for a clear view of the internal hardware.
- **Sturdy E-ATX Full Tower Construction:** Built with brushed hairline aluminum and SECC for durability and

compatibility with E-ATX motherboards.

Figure 4: Left side view, illustrating the shield design and the tinted tempered glass side panel.

3. PACKAGE CONTENTS

Verify that all components are present in the package:

- IN WIN 509 Medieval Metal Computer Case
- Accessory Kit (screws, cable ties, etc. - *specific contents may vary*)
- User Manual (this document)

4. SPECIFICATIONS

Feature	Specification
Brand	IN WIN
Series	509 Medieval Metal
Model Number	509 Medieval Metal
Case Type	Full Tower
Motherboard Compatibility	Extended ATX (E-ATX)
Material	Aluminum, SECC Metal
Color	Silver
Item Weight	43 pounds
Product Dimensions (LxWxH)	21.5 x 12.1 x 23.9 inches
Power Supply Mounting Type	Rear Mount
Cooling Method	Water (Liquid Cooling Support)

5. SETUP INSTRUCTIONS

Follow these general steps for assembling your computer system within the IN WIN 509 Medieval Metal case. Refer to your individual component manuals for specific installation details.

1. **Prepare the Case:** Carefully remove the tempered glass side panel by unlatching it. Lay the case on its side on a stable, flat surface.

2. **Install Motherboard:** Secure your E-ATX or smaller motherboard onto the pre-installed standoffs. Ensure all mounting screws are tightened appropriately.

3. **Install Power Supply Unit (PSU):** Mount your PSU in the designated rear mount area. Route necessary cables through the provided cutouts for efficient cable management.

4. **Install Storage Drives:** Utilize the available drive bays for your hard drives (HDDs) and solid-state drives (SSDs). Secure them using the provided mounting hardware.

5. **Install Expansion Cards:** Insert your graphics card(s) and other expansion cards into the appropriate PCIe slots on the motherboard. Secure them with screws.

6. **Install Cooling Solutions:** Install any additional fans or liquid cooling radiators as desired. Ensure proper airflow direction.

7. **Connect Cables:** Connect all power cables from the PSU to the motherboard, graphics card, and other components. Connect data cables for storage drives. Connect front panel I/O cables (USB, audio, power switch) to the motherboard headers.

8. **Cable Management:** Route cables neatly behind the motherboard tray to improve airflow and aesthetics. Use cable ties to secure bundles.

9. **Final Inspection:** Double-check all connections and ensure no loose components or cables are obstructing fans.

10. **Close the Case:** Reattach the tempered glass side panel securely.

6. OPERATING INSTRUCTIONS

Once your system is fully assembled and all components are securely installed, you can power on your computer.

1. **Connect Peripherals:** Connect your monitor, keyboard, mouse, and other peripherals to the appropriate ports on your computer.
2. **Connect Power:** Plug the power cable into the PSU and then into a wall outlet or surge protector.
3. **Power On:** Press the power button located on the hilt of the sword-designed I/O panel.
4. **Initial Boot:** Your system should begin the boot process. Follow the on-screen instructions for operating system installation or setup.
5. **Monitor Performance:** Regularly monitor your system's temperatures and fan speeds to ensure optimal performance and cooling.

7. MAINTENANCE

Regular maintenance helps ensure the longevity and optimal performance of your computer case and its components.

- **Dust Removal:** Periodically clean dust from the interior of the case, especially from fans, radiators, and dust filters. Use compressed air or a soft brush.
- **Exterior Cleaning:** Wipe the exterior surfaces with a soft, damp cloth. Avoid abrasive cleaners that could damage the finish. For the tempered glass panel, use a glass cleaner.
- **Cable Management Check:** Ensure cables remain neatly routed and do not obstruct airflow or fan operation.
- **Component Check:** Occasionally check that all internal components are securely seated and connections are firm.

8. TROUBLESHOOTING

If you encounter issues with your computer system, consider the following general troubleshooting steps:

- **System Not Powering On:**
  - Ensure the PSU is switched on and properly connected to a power outlet.
  - Verify that the power button cable from the case is correctly connected to the motherboard's front panel header.
  - Check all internal power connections (24-pin ATX, CPU power, GPU power).

- **No Display Output:**
  - Ensure your monitor is connected to the graphics card (not the motherboard's integrated graphics, unless you are using it).
  - Reseat the graphics card in its PCIe slot.
  - Check monitor input settings.

- **Excessive Noise:**
  - Identify the source of the noise (e.g., fan, HDD).
  - Clean any dusty fans.

- Ensure fans are not obstructed by cables.

- **Overheating:**

    - Verify proper fan orientation for optimal airflow.
    - Clean dust from all cooling components.
    - Ensure CPU cooler and GPU coolers are properly seated.

9. WARRANTY AND SUPPORT

For specific warranty information and technical support, please refer to the official IN WIN website or contact their customer service directly. Warranty terms and conditions may vary by region and retailer.

For further assistance, you may visit the IN WIN support page or contact their customer service team:

- **IN WIN Official Website:** www.in-win.com
- **Customer Support:** Refer to the 'Support' or 'Contact Us' section on the official website for regional contact details.

Related Documents - 509 Medieval Metal

[In Win 301C Compact ATX PC Case User Manual](#)
This user manual provides comprehensive installation instructions, specifications, and safety guidelines for the In Win 301C compact ATX PC chassis. Learn how to assemble your computer components, manage cables, and optimize cooling for this tempered glass mini-tower case.
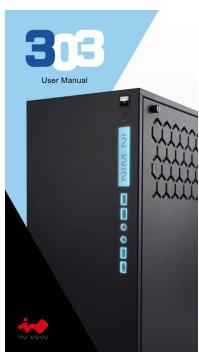
[IN WIN 303 Mid Tower Computer Case User Manual](#)
Comprehensive user manual for the IN WIN 303 mid tower computer chassis, detailing product story, specifications, package contents, case structure, and installation guide.

[InWin A3 and A5 PC Cases: User Manual and Specifications](#)
Comprehensive user manual and specifications for the InWin A3 Mini Tower and A5 Mid Tower PC cases, detailing product features, installation guides, and warranty information.
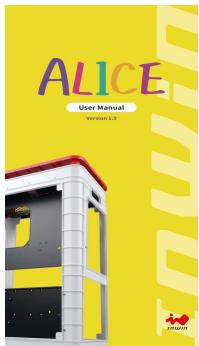
[InWin ALICE Mid Tower PC Case User Manual and Installation Guide](#)

Comprehensive user manual for the InWin ALICE PC case, detailing product specifications, package contents, case structure, step-by-step installation guide, and important notices. Learn how to build your PC with this versatile and stylish chassis.

[InWin 301C Compact ATX PC Case User Manual](#)

This user manual provides detailed specifications, installation steps, and important notes for the InWin 301C Compact ATX PC Case. Learn about its features, component compatibility, and assembly process.

[In Win A1 Mini-ITX PC Case with Wireless Charger - User Manual & Specifications](#)

Detailed user manual and specifications for the In Win A1 Mini-ITX PC case, featuring tempered glass, anodized aluminum, a pre-installed 600W 80 PLUS Bronze PSU, and an integrated wireless charger. Includes installation guide and product details.