

Sharkoon SHA-VS4-WBK

Sharkoon VS4-W Series ATX/MicroATX Mid-Tower PC Case with Acrylic Window (SHA-VS4-WBK) Instruction Manual

1. INTRODUCTION

This manual provides detailed instructions for the assembly, operation, and maintenance of your Sharkoon VS4-W Series ATX/MicroATX Mid-Tower PC Case, model SHA-VS4-WBK. Please read this manual thoroughly before beginning installation to ensure proper setup and to maximize the lifespan of your product.

The Sharkoon VS4-W Series is designed for users seeking a cost-effective and functional PC case. It features a full-black aesthetic with an acrylic side window panel, offering a clear view of your internal components. The case supports ATX and Micro-ATX motherboards and provides ample space for various components, including multiple storage drives and long graphics cards.

2. PRODUCT OVERVIEW

2.1. Key Features

- Acrylic side window panel for component visibility.
- Full-black interior and exterior design.
- Support for ATX and Micro-ATX motherboards.
- Three 5.25-inch drive bays, two with tool-less mechanisms.
- Seven drive bays for storage: three 3.5-inch and four 2.5-inch.
- Generous expansion card space, up to 385mm with 2.5-inch cage removed.
- Cable management space behind the motherboard tray due to a bulged side panel design.
- Supports CPU coolers up to 160mm in height.
- Front I/O panel with 2x USB 3.0 and 2x USB 2.0 ports, plus HD Audio.
- Pre-installed 120mm front fan and 120mm blue LED rear fan.

2.2. Component Identification



Figure 2.1: Overall View. This image displays the Sharkoon VS4-W Series PC case from an angled front-left perspective, highlighting its black finish and the transparent acrylic side panel. A blue LED fan is visible through the window.

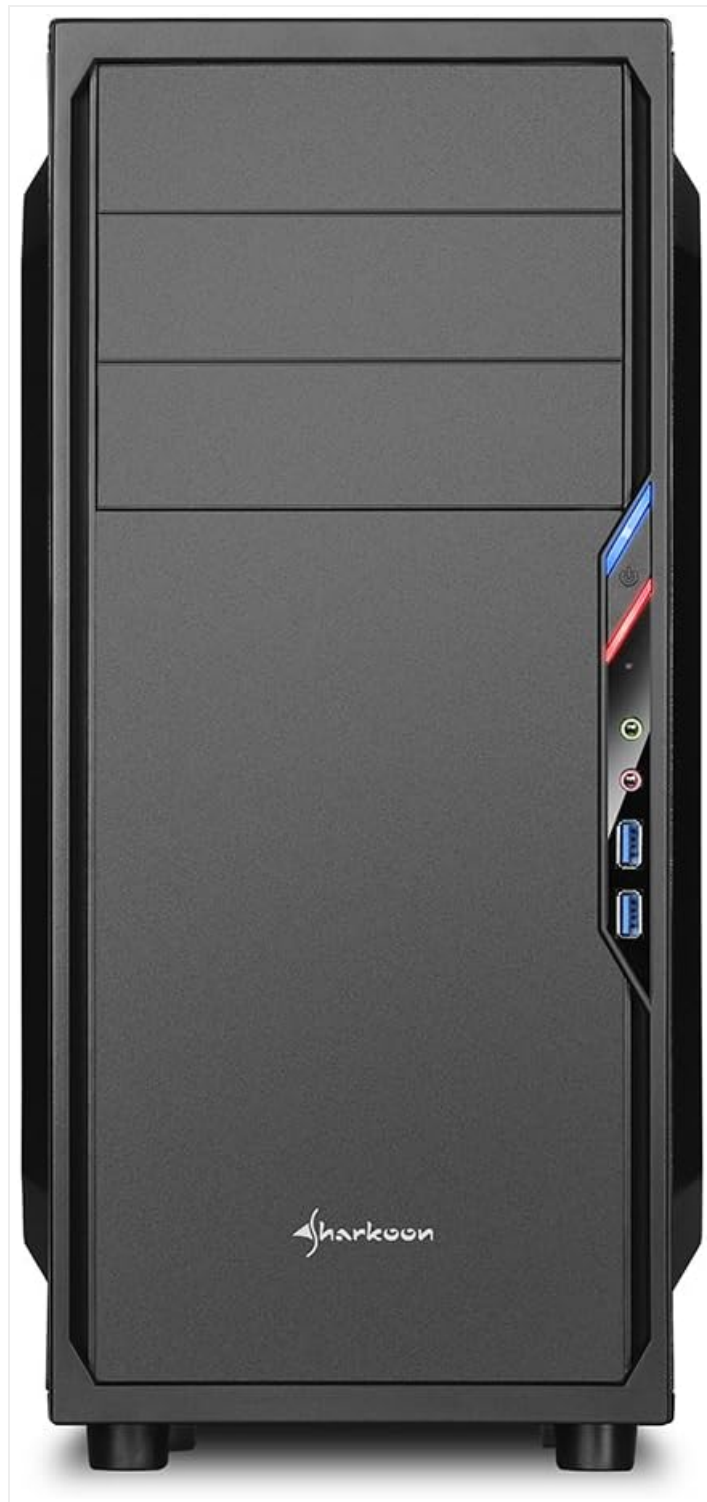


Figure 2.2: Front Panel. A direct front view of the case, illustrating the three 5.25-inch drive bays and the front I/O panel with USB ports and audio jacks.



Figure 2.3: Rear Panel. This view shows the back of the case, including the cutout for the motherboard I/O shield, seven PCI expansion slots, and the pre-installed 120mm rear fan.



Figure 2.4: Side Panel with Window. A clear view of the case's side panel, emphasizing the acrylic window that allows visibility of the internal components.



Figure 2.5: Interior Layout. An inside view of the case, detailing the motherboard mounting area, the 5.25-inch and 3.5-inch drive cages, and various cable routing cutouts.



Figure 2.6: Case Dimensions. This image provides the overall dimensions of the case: 44.5 cm (height), 20 cm (width), and 43 cm (depth).

3. SETUP AND INSTALLATION

3.1. Preparing the Case

1. Unpack the PC case and remove all packaging materials.
2. Place the case on a stable, flat surface.
3. Remove the side panels by unscrewing the thumbscrews at the rear of the case.

3.2. Motherboard Installation

1. Install the I/O shield provided with your motherboard into the cutout at the rear of the case.
2. Ensure standoffs are correctly aligned for your ATX or Micro-ATX motherboard. Install additional standoffs if necessary.
3. Carefully place the motherboard into the case, aligning it with the standoffs and I/O shield.
4. Secure the motherboard with screws.

3.3. Power Supply Installation

1. Mount the power supply unit (PSU) in the designated area at the bottom rear of the case.
2. Secure the PSU with screws from the rear of the case.
3. Route necessary power cables through the cable management cutouts.

3.4. Drive Installation

- **5.25-inch Drives:** For tool-less bays, slide the drive in until it clicks into place. For other bays, secure with screws.
- **3.5-inch Drives:** Slide the 3.5-inch drives into the designated bays and secure them.
- **2.5-inch Drives:** Mount 2.5-inch SSDs/HDDs onto the dedicated mounting points.

3.5. Expansion Card Installation

1. Remove the necessary PCI slot covers from the rear of the case.
2. Insert your graphics card or other expansion cards into the appropriate PCI-E slots on the motherboard.
3. Secure the cards with screws. For longer graphics cards, the 2.5-inch drive cage can be removed to provide up to 385mm of space.

3.6. Cable Management

Utilize the space behind the motherboard tray and the various cable routing holes to organize cables. This improves airflow and aesthetics.

4. OPERATING INSTRUCTIONS

Once all components are installed and connected, replace the side panels and secure them with the thumbscrews. Connect your peripherals (monitor, keyboard, mouse, etc.) to the motherboard's I/O ports. Connect the power cable to the PSU and a wall outlet. Press the power button on the front panel to start your system.

5. MAINTENANCE

5.1. Cleaning

- Regularly clean dust filters (if present) to maintain optimal airflow.
- Use compressed air to remove dust from internal components and fans.
- Wipe the exterior of the case with a soft, damp cloth. Avoid abrasive cleaners.

5.2. Fan Maintenance

Ensure fans are free from obstructions and spinning correctly. If a fan becomes noisy or stops working, consider replacing it to maintain proper cooling.

6. TROUBLESHOOTING

6.1. System Not Powering On

- Check all power connections, including the PSU to the wall, and internal connections to the motherboard and components.
- Ensure the power button cable from the case is correctly connected to the motherboard's front panel header.
- Verify the PSU switch is in the 'ON' position.

6.2. Poor Airflow/Overheating

- Clean any dust filters and internal components.
- Ensure fans are operating correctly and oriented for optimal airflow (intake/exhaust).
- Improve cable management to reduce obstructions to airflow.

6.3. Front Panel USB/Audio Not Working

- Verify that the front panel USB and HD Audio cables are securely connected to the corresponding headers on your motherboard.

7. SPECIFICATIONS

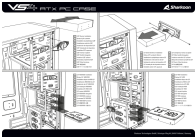
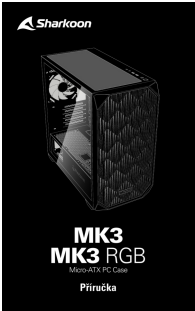
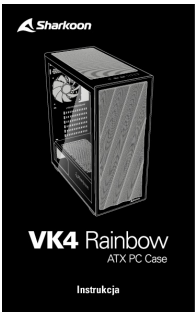
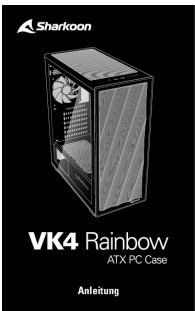

Model Name	VS4-W Series
Product Model Number	SHA-VS4-WBK
Case Type	Mid Tower
Material	Steel, Plastic, Acrylic
Color	Black
Motherboard Compatibility	ATX, Micro-ATX
5.25" Drive Bays	3 (2 with tool-less mechanism)
3.5" Internal Drive Bays	3
2.5" Drive Bays	4
PCI Expansion Slots	7
Max. Graphics Card Length	310mm (385mm with 2.5" cage removed)
Max. CPU Cooler Height	160mm
Max. PSU Length	260mm
Front I/O Ports	2x USB 3.0, 2x USB 2.0, HD Audio (Mic/Headphone)
Pre-installed Fans	Front: 1x 120mm, Rear: 1x 120mm Blue LED
Cooling Method	Air Cooling
Product Dimensions (L x W x H)	44.5 x 20 x 43 cm
Item Weight	3.5 kg

8. WARRANTY AND SUPPORT

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

Official Sharkoon Website: www.sharkoon.com

Related Documents - SHA-VS4-WBK

	<p>Sharkoon VS4 ATX PC Case Installation Guide</p> <p>Comprehensive guide to installing 5.25-inch devices, 2.5-inch HDDs/SSDs, and 3.5-inch HDDs in the Sharkoon VS4 ATX PC Case.</p>
	<p>Sharkoon MK3 / MK3 RGB Micro-ATX PC Case - Uživatelská příručka</p> <p>Kompletní uživatelská příručka pro skříň PC Sharkoon MK3 a MK3 RGB Micro-ATX. Obsahuje technické specifikace, bezpečnostní pokyny, podrobné instalační návody pro disky, karty, ventilátory a chladiče, a informace o RGB osvětlení.</p>
	<p>Sharkoon VK4 Rainbow PC Case: Specifications and Safety Guide</p> <p>Detailed specifications, safety instructions, and compatibility information for the Sharkoon VK4 Rainbow ATX PC case, featuring tempered glass and RGB fans. Includes installation guidance and disposal information.</p>
	<p>Sharkoon VK4 Rainbow PC Case Manual and Specifications</p> <p>Comprehensive manual and technical specifications for the Sharkoon VK4 Rainbow PC case. Includes detailed installation guides for drives, expansion cards, and cooling, safety instructions, compatibility details, and legal information.</p>
	<p>Sharkoon MK7 ARGB Micro-ATX PC Case User Manual</p> <p>Comprehensive guide for the Sharkoon MK7 ARGB Micro-ATX PC Case, covering technical specifications, safety precautions, installation procedures for drives, expansion cards, fans, radiators, and RGB lighting control.</p>



[Sharkoon ELITE SHARK CM100 Micro-ATX PC Case Installation Manual](#)

Comprehensive installation manual for the Sharkoon ELITE SHARK CM100 Micro-ATX PC Case, covering specifications, safety guidelines, assembly instructions for drives, fans, radiators, and RGB lighting control.