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## Antec VSK3000E-U3\_US

# Antec VSK3000E-U3\_US Mini Tower Case

Instruction Manual

## INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Antec VSK3000E-U3\_US Mini Tower Case. Designed for Micro ATX motherboards, this case offers a robust foundation for building your computer system. Please read this manual thoroughly before beginning installation to ensure proper setup and safe operation.

## SAFETY INFORMATION

- Always disconnect the power supply from the wall outlet before installing or removing any components to prevent electric shock.
- Handle components with care to avoid damage from static electricity. Consider using an anti-static wrist strap.
- Be aware of sharp edges inside the case. Wear protective gloves if necessary.
- Ensure proper ventilation around the case to prevent overheating.
- Keep the case away from liquids and excessive humidity.

## PRODUCT FEATURES

The Antec VSK3000E-U3\_US Mini Tower Case is constructed from SGCC steel, providing durability and meeting Thermally Advantaged Chassis (TAC) 2.0 guidelines for efficient cooling.

- Material:** SGCC steel construction.
- Motherboard Compatibility:** Micro ATX.
- Front I/O Ports:** 2 x USB 3.0, Audio In/Out.
- Drive Bays:**
  - 2 x 5.25" external drive bays.
  - 2 x 3.5" internal HDD bays.
- Expansion Slots:** 4.
- Cooling System:**
  - 1 x 92 mm rear exhaust fan (included).

- 1 x 92 mm front intake fan (optional, user-installed).

## SETUP AND INSTALLATION

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Follow these steps to install your components into the Antec VSK3000E-U3\_US case.

### 1. Prepare the Case

1. Place the case on a flat, stable surface.
2. Remove the side panels by unscrewing the thumbscrews at the rear and sliding the panels backward.



Image: Interior view of the Antec VSK3000E-U3\_US case with the side panel removed, revealing the internal layout, drive bays, and pre-installed rear exhaust fan.

### 2. Install the Motherboard

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 standoffs inside the case. Ensure all standoffs match the screw holes on your Micro ATX motherboard.
3. Secure the motherboard with screws. Do not overtighten.

### 3. Install the Power Supply

1. The VSK3000E-U3\_US supports a bottom-mount power supply. Position your power supply unit (PSU) in the designated area at the bottom rear of the case.
2. Secure the PSU to the case using screws from the rear.

### 4. Install Storage Drives

The case features 2 x 5.25" external drive bays and 2 x 3.5" internal HDD bays.

- **5.25" External Drives (e.g., Optical Drive):** Remove the front panel bay cover. Slide the drive into the bay from the front and secure it with screws.
- **3.5" Internal HDDs:** Slide the hard drive into an available 3.5" internal bay and secure it with screws.



Image: Internal view of the Antec VSK3000E-U3\_US case, highlighting the 5.25" external and 3.5" internal drive bays, along with pre-routed front panel cables.

### 5. Connect Front Panel Cables

Connect the front panel cables (USB 3.0, Audio In/Out, Power Switch, Reset Switch, Power LED, HDD LED) to the corresponding headers on your motherboard. Refer to your motherboard manual for exact pin assignments.



Image: Front view of the Antec VSK3000E-U3\_US case, displaying the two 5.25" external drive bay covers and the front I/O panel with USB 3.0 ports and audio jacks.

## 6. Install Expansion Cards

Remove the necessary expansion slot covers at the rear of the case. Insert your graphics card or other expansion cards into the appropriate PCIe/PCI slots on the motherboard and secure them with screws.

## 7. Cable Management

Route cables neatly to improve airflow and aesthetics. Use cable ties or straps to bundle cables together.

## 8. Close the Case

Once all components are installed and cables are managed, reattach the side panels and secure them with the thumbscrews.

## OPERATING INSTRUCTIONS

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After completing the installation, connect your monitor, keyboard, mouse, and power cable to the system. Press the power button on the front panel to turn on your computer. The case provides the physical housing and cooling for your components; operating instructions for the computer system itself are dependent on the installed hardware and software.



Image: Angled front view of the Antec VSK3000E-U3\_US case, highlighting the power button and the accessible front I/O panel.

## MAINTENANCE

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- **Dust Cleaning:** Regularly clean dust from the case interior and fan filters (if any) using compressed air or a soft brush. Dust buildup can impede airflow and lead to overheating.
- **Fan Check:** Periodically check the fans (rear exhaust, optional front intake) for proper operation and excessive noise.
- **Cable Management:** Ensure cables remain neatly organized to maintain optimal airflow.

## TROUBLESHOOTING

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- **System Not Powering On:**
  - Ensure the power supply is properly connected to the wall outlet and the motherboard.
  - Verify that the front panel power switch cable is correctly connected to the motherboard header.
- **Overheating:**
  - Check for excessive dust buildup inside the case and on fans.

- Ensure fans are spinning correctly.
- Verify that the case has adequate ventilation and is not placed in an enclosed space.

- **Front Panel USB/Audio Not Working:**
  - Confirm that the USB 3.0 and Audio In/Out cables are securely connected to the correct headers on the motherboard.

## SPECIFICATIONS



Image: Dimensional view of the Antec VSK3000E-U3\_US case, indicating its height (14.4"), depth (15.5"), and width (6.8").

Feature	Detail
<b>Model Name</b>	VSK3000E-U3_US
<b>Brand</b>	Antec

Feature	Detail
<b>Case Type</b>	Mini-Tower
<b>Motherboard Compatibility</b>	Micro ATX
<b>Material</b>	SGCC Steel / Alloy Steel
<b>Color</b>	Black
<b>Item Dimensions (LxWxH)</b>	14.4 x 6.8 x 15.5 inches
<b>Item Weight</b>	8.18 pounds
<b>External 5.25" Drive Bays</b>	2
<b>Internal 3.5" Drive Bays</b>	2
<b>Expansion Slots</b>	4
<b>Front I/O Ports</b>	2 x USB 3.0, Audio In/Out
<b>Cooling System</b>	1 x 92 mm rear exhaust fan (included), 1 x 92 mm front intake fan (optional)
<b>Power Supply Mounting Type</b>	Bottom Mount

## WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official Antec website or contact Antec customer service. Keep your purchase receipt for warranty claims.

**Antec Official Website:** [www.antec.com](http://www.antec.com)

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