Antec VSK10

Antec VSK10 Micro-ATX Case User Manual

INTRODUCTION

This manual provides comprehensive instructions for the Antec VSK10 Micro-ATX computer case. Please read this manual carefully before installation to ensure proper setup and optimal performance of your system.

PRODUCT OVERVIEW

The Antec VSK10 is a Micro-ATX case designed for efficient system building, offering a balance of functionality and compact design. It supports Micro-ATX and ITX motherboards and provides various features for component installation and cooling.

Key Features:

- Motherboard Support: Up to Micro-ATX
- Cooling: Supports up to 4 x 140mm fans and 280mm radiator (front), 1 x 120mm fan (rear, included)
- Drive Bays: 2 x 3.5" HDD (compatible with 2 x 2.5" SSD), 2 x 2.5" SSD
- Expansion Slots: 4
- Front I/O: 2 x USB 3.0 Ports
- Material: SPCC + Plastic

Image Description: An angled front view of the Antec VSK10 Micro-ATX computer case, showcasing its sleek black design and front panel.

SETUP AND INSTALLATION

This section details the steps required to install your components into the Antec VSK10 case. Ensure your system is powered off and unplugged before beginning installation.

1. Preparing the Case

Remove the side panels by unscrewing the thumbscrews located at the rear of the case. Gently slide the panels backward and lift them off. This provides access to the interior for component installation.

Image Description: An internal view of the Antec VSK10 Micro-ATX case, showing the motherboard tray, drive bays, and power supply shroud. Cable routing cutouts are visible.

2. Motherboard Installation

Align your Micro-ATX or ITX motherboard with the pre-installed standoffs inside the case. Carefully place the motherboard onto the standoffs and secure it using the provided screws. Ensure the I/O shield is installed in the rear opening before securing the motherboard.

3. Power Supply Installation

Install the power supply unit (PSU) into the dedicated compartment at the bottom rear of the case. Ensure the PSU fan faces the bottom ventilation opening for optimal airflow. Secure the PSU with screws from the rear of the case.

Image Description: Rear exterior view of the Antec VSK10 case, showing the I/O shield cutout, four expansion slots, the rear fan mount, and the power supply mounting area at the bottom.

4. Drive Installation

The VSK10 case supports both 3.5" HDDs and 2.5" SSDs:

- **3.5" HDD / 2.5" SSD:** Install drives into the removable drive cage located beneath the PSU shroud. Follow the instructions for your specific drive type to secure it within the cage.
- **2.5" SSD:** Dedicated mounting points are available on the motherboard tray for 2.5" SSDs. Secure these drives directly to the tray using screws.

5. Expansion Card Installation

Remove the necessary expansion slot covers from the rear of the case corresponding to your expansion card (e.g., graphics card). Insert your expansion card into the motherboard's PCIe slot and secure it with a screw.

6. Fan and Radiator Installation

The VSK10 offers flexible cooling options:

- **Front:** Supports 2 x 140mm or 3 x 120mm intake fans, or a 280mm radiator.
- **Rear:** Includes 1 x 120mm exhaust fan.
- **Top:** Supports 2 x 120mm or 2 x 140mm fans.

Ensure fans are oriented correctly for optimal airflow (typically intake at the front, exhaust at the rear and top).

Image Description: Front exterior view of the Antec VSK10 case, featuring a brushed black finish and a side intake vent for airflow.

7. Cable Management

Utilize the cable routing cutouts and tie-down points located behind the motherboard tray to manage and organize your cables. Effective cable management improves airflow and the overall aesthetic of your build.

OPERATING INSTRUCTIONS

Front Panel I/O

The front panel provides convenient access to essential ports and controls for your system.

- **Power Button:** Press to power on or power off the system.
- **Reset Button:** Press to restart the system.
- **USB 3.0 Ports (x2):** Connect USB 3.0 compatible devices for high-speed data transfer.
- **Audio Jacks:** Connect headphones and microphones.

Image Description: An angled view of the Antec VSK10 case, highlighting the top panel with front I/O ports including two USB 3.0 ports and audio jacks, alongside the power and reset buttons.

MAINTENANCE

Regular maintenance helps ensure the longevity and optimal performance of your PC components and the case itself.

- **Dust Filters:** The VSK10 includes dust filters to prevent dust buildup. Regularly clean these filters by removing and washing them with water, or by using compressed air. Ensure they are completely dry before reinstallation.
- **Interior Cleaning:** Periodically open the case and use compressed air to remove dust from internal components such as fans, heatsinks, and graphics cards. Avoid touching components directly.
- **Cable Management Check:** Ensure cables remain neatly routed and do not obstruct airflow or interfere with fan operation.

TROUBLESHOOTING

This section addresses common issues you might encounter during or after system assembly.

- **System Not Powering On:**
  - Check all power connections, including the PSU to the wall outlet, PSU to motherboard (24-pin and CPU 8-pin), and front panel power switch header.
  - Ensure the PSU switch at the rear is in the 'ON' position.

- **No Display Output:**
  - Verify that the monitor is connected to the graphics card (or motherboard integrated graphics, if applicable) and is powered on.
  - Reseat the graphics card and RAM modules firmly into their slots.

- **Overheating:**
  - Ensure all case fans are spinning and oriented correctly for optimal airflow.
  - Clean dust filters and internal components to remove any dust buildup.
  - Verify the CPU cooler is properly seated and making good contact with the CPU.

- **USB Ports Not Working:**
  - Check if the front panel USB 3.0 header is correctly connected to the corresponding header on the motherboard.
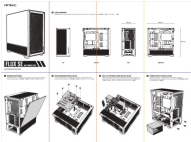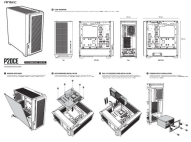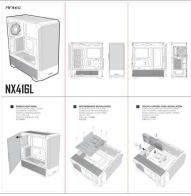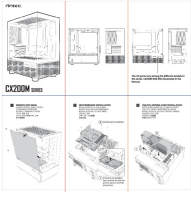
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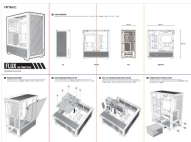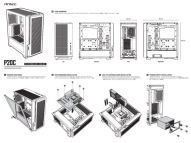
The following table details the technical specifications of the Antec VSK10 Micro-ATX Case.

Feature	Specification
Model Name	VSK10
Case Type	Micro-ATX Case
Motherboard Support	Micro-ATX, ITX
Material	SPCC + Plastic
Drive Bays (Internal)	2 x 3.5" HDD (compatible with 2 x 2.5" SSD), 2 x 2.5" SSD
Expansion Slots	4
Front Fan Support	2 x 140mm or 3 x 120mm
Rear Fan Support	1 x 120mm (included)
Top Fan Support	2 x 120mm or 2 x 140mm
Front Radiator Support	Up to 280mm
Rear Radiator Support	Up to 120mm
Front I/O Ports	2 x USB 3.0, Audio In/Out
Maximum GPU Length	350 mm
Maximum CPU Cooler Height	160 mm
Maximum PSU Length	160 mm
Product Dimensions (LxWxH)	17 x 10 x 9 inches (approx. 432 x 254 x 229 mm)
Item Weight	8.14 pounds (approx. 3.7 kg)

WARRANTY AND SUPPORT

For detailed warranty information, terms, and conditions, please refer to the official Antec website or the warranty card included with your product. For technical support or further assistance, please visit the Antec support page or contact their customer service department. Keep your proof of purchase for any warranty claims.

Related Documents - VSK10

	Antec Flux SE PC Case User Manual and Overview Comprehensive guide to the Antec Flux SE mid-tower PC case, covering features, specifications, and installation instructions. Learn about its airflow design, cooling support, and build quality for optimal PC performance.
	Antec P20CE PC Case User Manual and Specifications Comprehensive user manual and technical specifications for the Antec P20CE E-ATX gaming PC case. Learn about installation, features, cooling support, and component clearances.
	Antec NX416L Computer Case Installation Guide Detailed installation guide for the Antec NX416L computer case, covering side panel removal, motherboard, VGA/PCI-Express card, power supply, hard disk, fan, and liquid cooling radiator installation.
	Antec CX200M Series PC Case Installation Guide A comprehensive guide detailing the installation process for the Antec CX200M Series PC case, including steps for mounting the motherboard, graphics card, power supply, storage drives (HDD/SSD), and fans.
	Antec Flux Mid Tower ATX PC Case User Manual Comprehensive user manual for the Antec Flux Mid Tower ATX PC Case, detailing features, specifications, installation guide, and maintenance tips for building a high-performance PC.
	Antec P20C Mid Tower Gaming PC Case - User Manual and Installation Guide Comprehensive user manual for the Antec P20C mid-tower PC case. Learn about its features, installation steps for motherboards, storage, cooling, GPUs, and front panel I/O. Includes specifications and maintenance tips.