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› PCYES Venus Mid-Tower PC Case with Green LED Fans - Model VENPTVD2FCA User Manual

PCYES VENPTVD2FCA

PCYES Venus Mid-Tower PC Case User Manual

Model: VENPTVD2FCA

1. INTRODUCTION

Thank you for choosing the PCYES Venus Mid-Tower PC Case. This manual provides essential information for the proper installation, operation, and maintenance of your new computer case. Please read this manual thoroughly before beginning the installation process to ensure optimal performance and longevity of your system.



Image 1.1: Front-side view of the PCYES Venus Mid-Tower PC Case, showcasing the green LED fans and acrylic side panel.

2. SAFETY INFORMATION

Please observe the following safety precautions to prevent damage to the product or injury to yourself:

- Always disconnect the power supply from the wall outlet before installing or removing any components.
- Wear an anti-static wrist strap to prevent electrostatic discharge (ESD) damage to sensitive components.
- Handle components carefully. Avoid touching pins or circuit boards directly.
- Keep the case away from water, moisture, and extreme temperatures.
- Ensure proper ventilation to prevent overheating.
- Do not attempt to open or repair the case if it is damaged. Contact customer support.

3. PACKAGE CONTENTS

Verify that all items are present in your package:

- PCYES Venus Mid-Tower PC Case
- Accessory box (containing screws, standoffs, cable ties)
- User Manual (this document)

4. KEY FEATURES

The PCYES Venus Mid-Tower PC Case offers the following features:

- **Form Factor:** Mid-Tower
- **Motherboard Compatibility:** Mini ITX, Micro ATX
- **Storage Support:** 2x 3.5" drives, 3x 2.5" drives
- **PSU Position:** Bottom (ATX)
- **CPU Cooler Clearance:** Up to 140mm
- **Graphics Card Clearance:** Up to 300mm
- **Cooling System:**
 - Front: 2x 120mm fans (included, Green LED)
 - Rear: 1x 80mm fan (not included)
- **Front Panel I/O:** 1x USB 3.0, 2x USB 2.0, 1x HD Audio, 1x Microphone
- **Design:** Smoked acrylic front and side panel
- **Cable Management:** Dedicated support for organized cable routing
- **Dust Filters:** 1x removable filter for the power supply (bottom)
- **Ease of Installation:** Tool-free and tool-less design elements



Image 4.1: Front view of the PCYES Venus case, highlighting the two 120mm green LED fans.



Image 4.2: Close-up of the front panel I/O, showing USB 3.0, USB 2.0, HD Audio, and Microphone ports.

5. SPECIFICATIONS

Feature	Specification
Model Number	VENPTVD2FCA (29365)
Form Factor	Mid-Tower
Motherboard Support	Mini ITX, Micro ATX
Storage Bays	2x 3.5" HDD, 3x 2.5" SSD
PSU Compatibility	ATX (Bottom Mount)
CPU Cooler Height	Up to 140mm
GPU Length	Up to 300mm
Front Fans	2x 120mm Green LED (Included)
Rear Fan Support	1x 80mm (Not Included)
Front I/O Ports	1x USB 3.0, 2x USB 2.0, HD Audio, Microphone
Side Panel	Smoked Acrylic
Dimensions (LxWxH)	370mm x 187mm x 365mm
Chassis Thickness	0.4mm

Feature	Specification
Material	Plastic (Panel), Acrylic (Side/Front)
Dust Filters	1x Removable (Bottom PSU)
Product Weight	3.04 kg

6. SETUP AND INSTALLATION

Follow these steps to install your components into the PCYES Venus case:

6.1. Prepare the Case

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

6.2. Motherboard Installation

1. Install the I/O shield into the motherboard cutout at the rear of the case.
2. Align your Mini ITX or Micro ATX motherboard with the pre-installed standoffs.
3. Secure the motherboard with the provided screws.



Image 6.1: Internal view of the case, showing the motherboard tray and cable routing cutouts.

6.3. Storage Device Installation (HDD/SSD)

1. For 3.5" HDDs: Locate the drive cage (Image 6.2). Slide the HDD into the bay and secure it with screws.
2. For 2.5" SSDs: Mount the SSDs onto the dedicated mounting points on the motherboard tray (Image 6.3) or within the drive cage, securing them with screws.



Image 6.2: Drive cage for 3.5-inch hard drives.



Image 6.3: Dedicated mounting points for 2.5-inch SSDs on the motherboard tray.

6.4. Power Supply Unit (PSU) Installation

1. Position the ATX power supply in the designated compartment at the bottom rear of the case.
2. Secure the PSU with screws from the rear of the case.

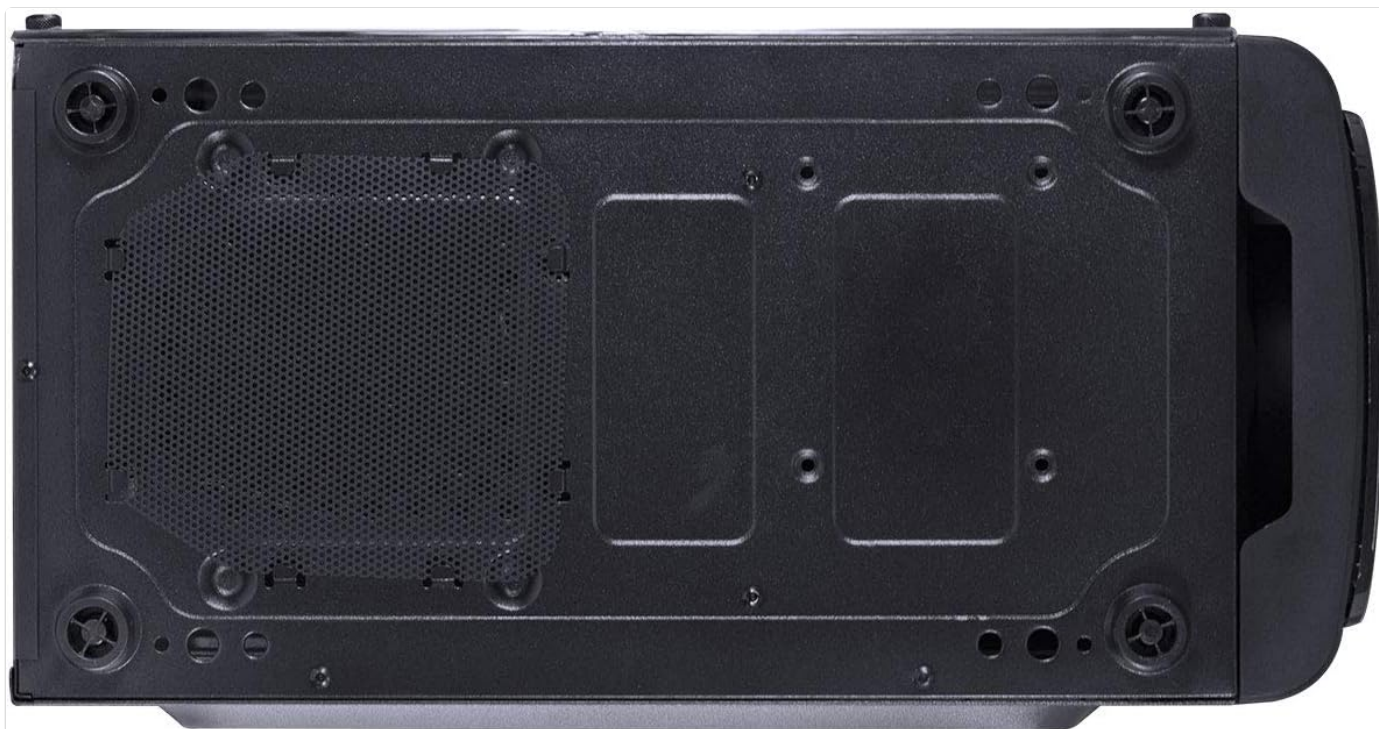


Image 6.4: Bottom view of the case, showing the removable dust filter for the power supply unit.

6.5. Graphics Card (GPU) Installation

1. Remove the necessary PCI-E slot covers from the rear of the case.
2. Insert your graphics card into the appropriate PCI-E slot on the motherboard.
3. Secure the graphics card with screws.

6.6. Connecting Front Panel Cables

Connect the front panel cables (USB 3.0, USB 2.0, HD Audio, Microphone, Power Switch, Reset Switch, Power LED, HDD LED) to their corresponding headers on your motherboard. Refer to your motherboard manual for exact header locations.

6.7. Cable Management

Utilize the cable routing cutouts and tie-down points behind the motherboard tray to organize cables. This improves airflow and aesthetics.

6.8. Close the Case

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

7. OPERATING YOUR PCYES VENUS CASE

After successful installation, connect your peripherals and power cable to the power supply. Press the power button on the front panel to start your computer. The pre-installed green LED fans will illuminate, indicating operation.

8. MAINTENANCE

Regular maintenance helps ensure optimal performance and extends the lifespan of your PC components:

- **Dust Filter Cleaning:** The PCYES Venus case includes a removable dust filter for the power supply at the bottom. Regularly remove and clean this filter to prevent dust buildup and maintain airflow.
- **General Cleaning:** Use a soft, dry cloth to wipe down the exterior of the case. For the acrylic panels, use a

microfiber cloth and a mild, non-abrasive cleaner specifically designed for acrylic to avoid scratches.

- **Internal Dust Removal:** Periodically open the case and use compressed air to remove dust from internal components and fans. Ensure the system is powered off and unplugged before performing internal cleaning.

9. TROUBLESHOOTING

If you encounter issues, refer to the following common troubleshooting steps:

- **PC Does Not Power On:**
 - Ensure the power cable is securely connected to both the PSU and the wall outlet.
 - Check that the PSU switch is in the 'ON' position.
 - Verify all power connections to the motherboard and components are secure.
 - Confirm the front panel power switch cable is correctly connected to the motherboard header.
- **Fans Not Spinning / LEDs Not Lighting Up:**
 - Check fan power connections to the motherboard or PSU.
 - Ensure LED connections (if separate) are properly seated.
- **No Display Output:**
 - Verify the monitor cable is connected to the graphics card (not the motherboard, if a dedicated GPU is installed).
 - Reseat the graphics card in its PCI-E slot.
 - Check power connections to the graphics card.

For further assistance, please refer to your individual component manuals or contact PCYES customer support.

10. WARRANTY AND SUPPORT

PCYES products are designed and manufactured to the highest quality standards. For information regarding warranty coverage, technical support, or service inquiries, please visit the official PCYES website or contact their customer service department directly. Keep your proof of purchase for warranty claims.

Official PCYES Website: www.pcyes.com.br