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Vibox I-80

Vibox I-80 Gaming PC User Manual

Model: I-80

Your guide to setting up, operating, and maintaining your Vibox I-80 Gaming PC.

1. Introduction

Welcome to the Vibox I-80 Gaming PC. This entry-level gaming system is designed for casual gamers and offers reliable performance for less demanding titles and independent games. It features an AMD Ryzen 3 3200G processor with integrated Radeon Vega 8 graphics, 8GB of DDR4 RAM, and a fast 480GB SSD. The system comes pre-installed with Linux Mint, providing a flexible and open-source operating environment.

This manual provides essential information to help you set up, operate, and maintain your new PC, ensuring a smooth and enjoyable experience.



Figure 1: The Vibox I-80 Gaming PC with its internal components clearly visible through the side panel.

2. Setup

Follow these steps to set up your Vibox I-80 Gaming PC:

1. **Unpacking:** Carefully remove the PC and all accessories (monitor, keyboard, mouse, power cables) from their packaging. Retain the packaging for future transport or warranty claims.
2. **Placement:** Place the PC tower on a stable, flat surface, ensuring adequate ventilation around the case. Avoid placing it in enclosed spaces or near heat sources.
3. **Connect Monitor:** Connect your monitor to the PC using an HDMI or VGA cable. The PC supports HDMI video output.
4. **Connect Peripherals:** Plug in your keyboard and mouse into the available USB ports on the back or front of the PC.
5. **Connect Power:** Connect the power cable to the PC's power supply unit and then to a wall outlet.
6. **Initial Boot-up:** Press the power button on the front of the PC. The system will boot into Linux Mint. Follow any on-screen prompts for initial setup, such as language selection and user account creation.



Figure 2: Internal view of the PC, showing components and fan placement for optimal setup.

3. Operating Instructions

Your Vibox I-80 PC comes with Linux Mint pre-installed. Here are basic operating guidelines:

- **Power On/Off:** Press the power button to turn on the PC. To shut down, click the menu icon (usually bottom-left), then select 'Shut Down'.
- **Navigation:** Use the mouse and keyboard to navigate the desktop environment. The taskbar, start menu, and file manager function similarly to other operating systems.
- **Internet Connectivity:**
  - **Wi-Fi:** Click the network icon in the system tray (usually bottom-right), select your Wi-Fi network, and enter the password.
  - **Ethernet:** Connect an Ethernet cable from your router to the Ethernet port on the back of the PC. The connection should be established automatically.

- **Installing Software/Games:** Linux Mint includes a Software Manager for easy installation of applications. For gaming, the system supports Steam, Lutris, and Proton, allowing access to a wide range of Windows games. Refer to online guides for specific installation steps for these platforms.
- **USB Ports:** The PC features multiple USB 2.0 and USB 3.0 ports for connecting external devices like USB drives, headsets, or game controllers.
- **RGB Lighting:** Use the dedicated RGB change button on the front panel to cycle through different lighting modes for the internal fans.

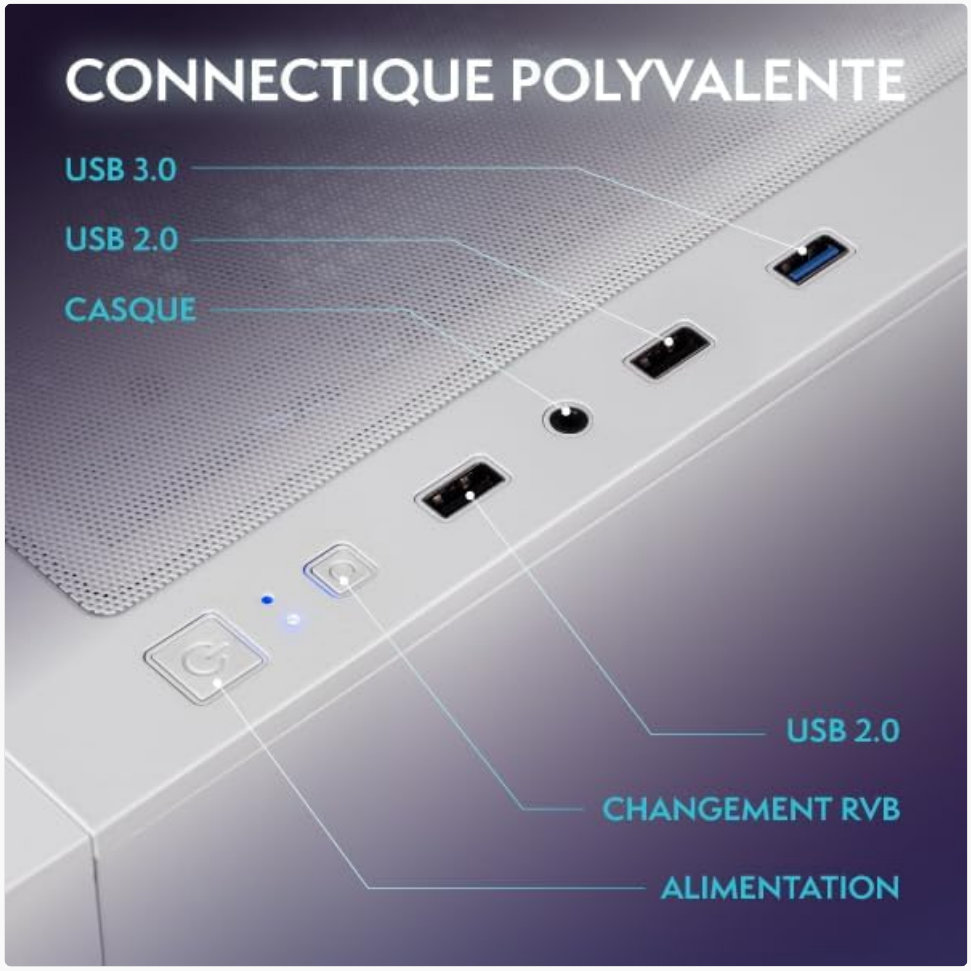


Figure 3: Front panel connectivity, including USB ports, headphone jack, and RGB control button.



Figure 4: Key features of the Linux Mint operating system.

4. Maintenance

Proper maintenance ensures the longevity and optimal performance of your PC:

- **Dust Management:** Regularly clean the exterior of the PC with a soft, dry cloth. Periodically, use compressed air to clear dust from the fan vents and internal components. Ensure the PC is powered off and unplugged before cleaning.
- **Airflow:** Ensure that the PC's ventilation openings are not obstructed. The Vibox I-80 features an optimized airflow design to keep components cool.
- **Software Updates:** Keep your Linux Mint operating system and installed applications updated. Regular updates provide security patches and performance improvements.
- **Cable Management:** Ensure all cables are neatly organized and not obstructing airflow or causing strain on ports.



Figure 5: Illustration of the PC's reverse airflow design for efficient cooling.



Figure 6: RGB Infinity 120mm fans, contributing to both cooling and aesthetics.

5. Troubleshooting

Here are solutions to common issues you might encounter:

- **PC Does Not Power On:**
  - Check if the power cable is securely connected to both the PC and the wall outlet.
  - Ensure the power switch on the back of the power supply unit (if present) is in the 'On' position.
  - Try a different power outlet.
- **No Display on Monitor:**
  - Verify that the monitor is powered on and correctly connected to the PC's video output port (HDMI/VGA).
  - Ensure the correct input source is selected on your monitor.
  - If you have multiple video output ports, try connecting to a different one.
- **Slow Performance:**
  - Close unnecessary applications running in the background.
  - Ensure your operating system and drivers are up to date.
  - Check for adequate free space on your SSD.
- **Internet Connectivity Issues:**
  - Restart your router/modem.
  - For Wi-Fi, ensure you have the correct password and are within range.
  - For Ethernet, check the cable connection.

If you continue to experience issues, please refer to the Warranty and Support section for assistance.

6. Specifications

Detailed technical specifications for the Vibox I-80 Gaming PC:

Feature	Detail
Model Number	I-80
CPU Model	AMD Ryzen 3 3200G (4 Cores, Max 4.0 GHz)
Graphics	Integrated Radeon Vega 8
RAM	8GB DDR4 (3200 MHz)
Storage	480GB SATA SSD
Operating System	Linux Mint (No Windows OS)
Connectivity	Wi-Fi, Ethernet, USB (Total 4 ports), HDMI
Video Output	HDMI, VGA
Cooling Method	Air Cooling
Dimensions (L x W x H)	40 x 21 x 45 cm

Feature	Detail
Included Components	Monitor, Mouse, RGB Lighting, Keyboard



Figure 7: Dimensions of the Vibox I-80 PC case.

7. Warranty and Support

Your Vibox I-80 Gaming PC comes with comprehensive warranty and support:

- **Warranty:** The product includes a 2-year warranty and lifetime labor support. This covers manufacturing defects and ensures professional assistance for repairs.
- **Spare Parts:** Spare parts availability in the EU is guaranteed for 2 years.
- **Manufacturer:** Vibox
- **Contact Support:** For technical assistance, warranty claims, or any other inquiries, please visit the official Vibox website or contact their customer service directly. Refer to your purchase documentation for specific contact details.

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