Vibox IV-528

Vibox IV-528 PC Gamer Instruction Manual

Model: IV-528 | Brand: Vibox

1. INTRODUCTION

This manual provides essential information for setting up, operating, maintaining, and troubleshooting your Vibox IV-528 PC Gamer. This mid-range gaming PC offers an ideal balance of performance and value, perfect for smooth gaming at 1080p and 1440p resolutions. Equipped with a powerful multi-core processor and a dedicated graphics card, it easily handles popular games and allows for future upgrades.

Key features include:

- AMD Ryzen 7 5700X Processor (8 cores, up to 4.6 GHz)
- NVIDIA GeForce RTX 3050 Graphics Card (6 GB GDDR6 RAM)
- 500 GB Ultra-fast SSD storage
- 16 GB Dual-channel DDR4 RAM at 3200 MHz
- Pre-installed Windows 11 Home
- 300 Mbps Wi-Fi Adapter included

Figure 1: The Vibox IV-528 PC Gamer, showcasing its internal components and RGB lighting.

2. SETUP

2.1 Unpacking

Carefully remove the PC from its packaging. Ensure all protective films and internal packing materials are removed before powering on the system. Retain the original packaging for future transport or warranty claims.

2.2 Connecting Peripherals

Connect your monitor, keyboard, mouse, and other peripherals to the appropriate ports on the back of the PC. The PC features versatile connectivity options.
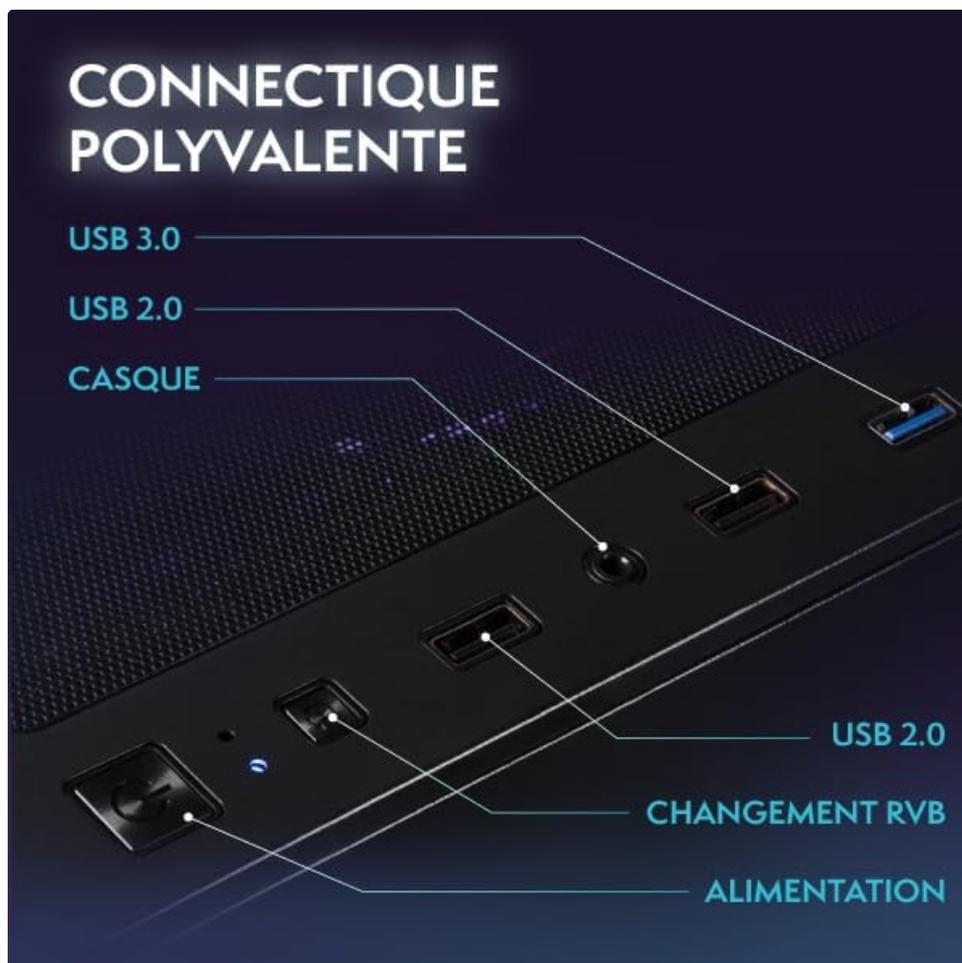
Figure 2: Front panel connectivity including USB 3.0, USB 2.0, headphone jack, RGB control, and power button.

- **Monitor:** Connect your monitor using an HDMI or DisplayPort cable to the dedicated graphics card ports.
- **Keyboard and Mouse:** Connect to any available USB ports.
- **Network:** For wired internet, connect an Ethernet cable to the LAN port. For wireless internet, the included Wi-Fi adapter will provide connectivity.
- **Power:** Connect the power cable to the PC's power supply unit (PSU) and then to a wall outlet.

2.3 Initial Boot-up and Windows 11 Setup

Press the power button on the front of the PC. The system will boot into Windows 11. Follow the on-screen instructions to complete the initial Windows setup, including language, region, network connection, and user account creation.

3. OPERATING

3.1 Windows 11 Home

Your Vibox IV-528 comes with Windows 11 Home pre-installed, optimized for gaming and productivity. Windows 11 offers features such as:

- Faster loading times with DirectStorage
- AutoHDR for enhanced graphics
- Seamless Xbox Game Pass integration
- Optimized CPU performance

Figure 3: Key features of Windows 11 Home for gamers.

3.2 Gaming Performance

The NVIDIA GeForce RTX 3050 graphics card and AMD Ryzen 7 5700X processor are designed to deliver smooth gaming experiences at 1080p and 1440p resolutions. Performance may vary depending on game settings and specific titles.

3.3 RGB Lighting Control

The PC features customizable RGB lighting for its fans and AIO cooler. Use the dedicated RGB change button on the front panel (refer to Figure 2) or pre-installed software (if applicable) to cycle through various colors and lighting modes to personalize your setup.
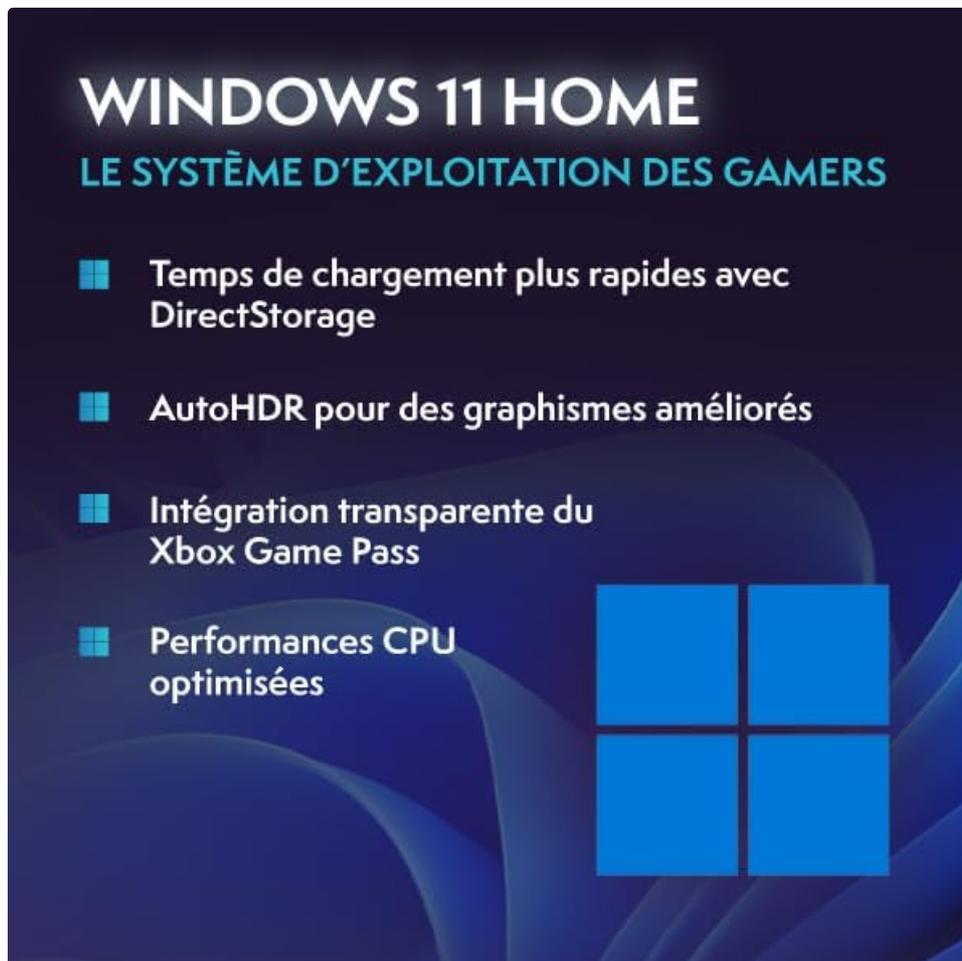
Figure 4: Hex RGB Infinity 120mm fans with customizable lighting.

4. MAINTENANCE

4.1 Cleaning

Regularly clean the exterior of your PC with a soft, dry cloth. For internal cleaning, use compressed air to remove dust from fans, heatsinks, and vents. Ensure the PC is powered off and unplugged before cleaning. The mesh design of the case aids in airflow but also requires periodic cleaning.

Figure 5: Modern ATX gaming case with mesh design for optimal airflow.

4.2 Cooling System

The Vibox IV-528 features an AIO (All-In-One) 120mm liquid cooler for the CPU and efficient case fans to maintain optimal temperatures. Ensure that the PC has adequate ventilation and that no vents are obstructed. The system utilizes a reverse airflow design for next-generation cooling efficiency.

Figure 6: Vibox AIO 120mm liquid cooler, designed for compact and efficient cooling.

Figure 7: Reverse airflow cooling system for enhanced thermal performance.

4.3 Software Updates

Regularly update your Windows operating system, graphics drivers (NVIDIA), and other software to ensure optimal performance, security, and compatibility with the latest games and applications.

5. TROUBLESHOOTING

- **No Power:**

  - Ensure the power cable is securely connected to both the PC and the wall outlet.
  - Check if the power switch on the PSU (located at the back of the PC) is in the 'ON' position.
  - Test the wall outlet with another device.

- **No Display on Monitor:**

  - Verify that the monitor is powered on and connected to the graphics card (NVIDIA RTX 3050) ports, not the motherboard ports.
  - Check the monitor's input source settings.
  - Try a different HDMI or DisplayPort cable.

- **System is Slow or Unresponsive:**

  - Close unnecessary applications running in the background.
  - Check for available Windows updates and driver updates.
  - Ensure the PC has adequate ventilation and is not overheating.
  - Run a malware scan.

- **Network Connectivity Issues:**

  - For Wi-Fi, ensure the Wi-Fi adapter is properly installed and drivers are up to date. Check network settings in Windows.
  - For wired Ethernet, ensure the cable is securely connected and your router/modem is functioning correctly.

6. SPECIFICATIONS

Component	Detail
Processor	AMD Ryzen 7 5700X (8 Cores, up to 4.6 GHz)
Graphics Card	NVIDIA GeForce RTX 3050 (6 GB GDDR6 RAM)
RAM	16 GB DDR4 (3200 MHz, Dual Channel)
Storage	500 GB SSD
Operating System	Windows 11 Home
Wi-Fi	300 Mbps Wi-Fi Adapter included
Cooling	120mm AIO Liquid Cooler (CPU), RGB Case Fans
Connectivity	HDMI, DisplayPort, USB 3.0, USB 2.0, Ethernet, Audio Jacks

Dimensions (L x W x H)	40 x 21 x 45 cm
Weight	12.69 kg
Power Plug Type	Type C/EF – 2-pin (European/Hybrid FR-DE plug)

7. WARRANTY AND SUPPORT

7.1 Warranty Information

Your Vibox IV-528 PC Gamer is covered by a **2-year parts warranty** and **lifetime labor warranty**. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims.

For specific warranty terms and conditions, please refer to the documentation provided with your purchase or contact Vibox customer support.

7.2 Customer Support

If you encounter any issues not covered in the troubleshooting section or require further assistance, please contact Vibox customer support. Have your model number (IV-528) and purchase details ready when contacting support.

You can typically find contact information on the official Vibox website or through your retailer.