

## VIBOX I-506

# VIBOX I-506 Gaming PC User Manual

Model: I-506

## 1. INTRODUCTION

---

This manual provides comprehensive instructions for the VIBOX I-506 Gaming PC. It covers initial setup, operating procedures, maintenance tips, and troubleshooting common issues. Please read this manual carefully before using your new PC to ensure optimal performance and longevity.



Image 1.1: The VIBOX I-506 Gaming PC, showcasing its internal components and vibrant RGB lighting through a transparent side panel.

## 2. SETUP

### 2.1 Unboxing and Component Check

Carefully remove the PC from its packaging. Ensure all accessories are present, including the power cable, any included documentation, and peripherals (if part of your package). Inspect the PC for any visible damage before proceeding.



Image 2.1: An exterior view of the VIBOX I-506 Gaming PC, highlighting its sleek black chassis and transparent side panel.

## 2.2 Connecting Peripherals

Connect your monitor, keyboard, mouse, and other peripherals to the appropriate ports on the back and front of the PC. Refer to the image below for common port locations.

- **Monitor:** Use an HDMI or DisplayPort cable to connect your monitor to the graphics output port.
- **Keyboard & Mouse:** Connect to any available USB ports.
- **Network:** For wired internet, connect an Ethernet cable to the LAN port. For wireless, ensure the Wi-Fi antenna (if provided) is attached.
- **Audio:** Connect speakers or headphones to the audio output jacks.



Image 2.2: A detailed view of the VIBOX I-506 PC's front panel, showing USB 2.0, USB 3.0, headphone jack, reset button, RGB change button, and power button.

## 2.3 Power Connection and Initial Boot-up

Connect the power cable to the PC and then to a wall outlet. Press the power button on the front panel. The system will begin to boot. Follow any on-screen prompts for initial operating system setup.

## 3. OPERATING INSTRUCTIONS

### 3.1 Operating System: Linux Mint

Your VIBOX I-506 PC comes with Linux Mint pre-installed. Linux Mint is a user-friendly, lightweight, and fast operating system, ideal for maximizing system resources during gaming sessions. It offers a comfortable interface and strong community support with regular updates.



Image 3.1: The Linux Mint logo alongside a list of its key features, emphasizing its lightweight nature, user-friendly interface, and support for gaming platforms like Steam, Lutris, and Proton.

### 3.2 Installing Software and Games

Linux Mint supports various platforms for gaming and software. You can install applications through the Software Manager or by downloading packages. For gaming, Steam, Lutris, and Proton are supported, allowing access to a wide range of Windows games.

### 3.3 Network Connectivity

To connect to a wireless network, click the network icon in the system tray and select your Wi-Fi network.

Enter the password if prompted. For wired connections, ensure the Ethernet cable is securely plugged in.

## 4. MAINTENANCE

### 4.1 Cleaning Your PC

Regular cleaning helps maintain performance and extends the lifespan of your PC. Use a soft, dry cloth to wipe down the exterior. For internal components, use compressed air to remove dust from fans and heatsinks. Ensure the PC is powered off and unplugged before cleaning.



Image 4.1: A display of five Hex RGB 120mm fans, illustrating the cooling components within the PC. Regular cleaning of these fans is crucial for optimal airflow.

### 4.2 Software Updates

Keep your Linux Mint operating system and installed applications updated to ensure security and optimal performance. Use the Update Manager in Linux Mint to check for and install available updates regularly.

### 4.3 Airflow Management

The VIBOX I-506 features an inverted airflow design for efficient cooling. Ensure the PC is placed in a well-ventilated area and that air vents are not obstructed. This helps reduce heat accumulation and maintains system stability.



Image 4.2: A diagram showing the inverted airflow path within the PC case, with red arrows indicating hot air exhaust and blue arrows indicating cool air intake, optimizing cooling performance.

## 5. TROUBLESHOOTING

---

- **No Display Output:**

- Ensure the monitor is powered on and connected to the correct port on the PC (usually the graphics card output, not the motherboard's integrated graphics port).
- Check that all cables are securely connected.
- Try a different monitor or cable if available.

- **System Not Booting:**

- Verify the power cable is firmly connected to both the PC and the wall outlet.
- Ensure the power supply switch (if present on the back of the PC) is in the 'ON' position.

- **Fans Running Constantly/Loudly:**

- This can indicate high system load or insufficient cooling. Check for dust buildup in fans and vents (refer to Maintenance section).
- Ensure the PC is in a well-ventilated area.
- Monitor CPU/GPU temperatures using system tools.

- **Network Connectivity Issues:**

- For Wi-Fi, ensure the antenna is properly attached and you are connected to the correct network with the right password.
- For Ethernet, check the cable connection and router status.
- Restart your router and PC.

If issues persist, please contact VIBOX customer support for further assistance.

## 6. SPECIFICATIONS

---

Component	Specification
Brand	VIBOX
Model Number	I-506
Operating System	Linux Mint
CPU Model	AMD Ryzen 3 3200G
CPU Speed	4 GHz (Max)
CPU Cores	4
Graphics Coprocessor	Radeon Vega 8 (Integrated)
RAM Size	16 GB DDR4
RAM Speed	3200 MHz
Storage Capacity	1 TB SSD

Component	Specification
Connectivity	Ethernet, HDMI, USB, WiFi
Total USB Ports	4
Max Display Resolution	3840x2160
Item Dimensions (LxWxH)	35 x 28 x 38 cm
Color	Black



**POWERED BY**  
**AMD RYZEN 3 3200G**

L'AMD Ryzen 3 3200G est un processeur d'entrée de gamme performant avec carte graphique intégrée Radeon Vega 8. Idéal pour l'informatique quotidienne, la création de contenu légère et le gaming fluide en 720p à 1080p — sans carte graphique dédiée.

Que vous jouiez à des titres populaires comme Fortnite ou Valorant, ou que vous fassiez du streaming et du multitâche, le 3200G offre d'excellentes performances à petit prix.

4 CORES    4 THREADS    GRAPHIQUE INTÉGRÉE

**RADEON VEGA GRAPHICS**

Image 6.1: A close-up of the AMD Ryzen 3 3200G processor, highlighting its integrated Radeon Vega 8 graphics, 4 cores, and 4 threads.



**16 GO DE RAM DDR4**  
**MÉMOIRE ULTRA-RAPIDE**

La RAM haute vitesse améliore le multitâche, le gaming et la productivité grâce à des temps de chargement réduits, un gameplay plus fluide et des performances système efficaces. Idéale pour la création de contenu, le montage vidéo et le streaming, elle réduit les ralentissements et garantit une compatibilité durable avec les logiciels exigeants.

Image 6.2: Two 16GB DDR4 RAM modules, illustrating the high-speed memory components that ensure fluid multitasking and system performance.

## 7. WARRANTY AND SUPPORT

VIBOX is committed to providing high-quality gaming PCs. Your VIBOX I-506 PC comes with a standard manufacturer's warranty. Please refer to the warranty card included with your product for specific terms and conditions.

VIBOX offers dedicated support and has over 15 years of experience in the PC gaming industry. Our team of passionate PC gamers designs and assembles systems with components from leading brands to ensure

optimal quality.

For technical assistance, warranty claims, or any other inquiries, please visit the official VIBOX website or contact our customer support team through the contact information provided on our website.

The image is a promotional graphic for VIBOX Gaming. On the left is a circular emblem with a French flag (blue, white, red) in the center. The text around the emblem reads "ASSISTANCE DÉDIÉE EN FRANCE" at the top, "ASSEMBLÉ EN FRANCE" in the middle, and "15 ANS D'EXPÉRIENCE" at the bottom. To the right of the emblem, the headline reads "CONÇU PAR DES GAMERS, POUR DES GAMERS." in a stylized font. Below the headline, there are three paragraphs of text in French. The first paragraph states that since 2009, Vibox has grown from a local retailer to one of the most reliable PC gaming manufacturers in Europe. The second paragraph emphasizes their commitment to quality and customer satisfaction. The third paragraph mentions their experienced team of passionate PC gamers who design configurations specifically for gamers using top-tier components. At the bottom of the graphic is the "VIBOX GAMING" logo in a bold, blue and white font with a metallic effect.

Image 7.1: The VIBOX Gaming logo, accompanied by a French flag emblem and the text "Conçu par des gamers pour des gamers" (Designed by gamers for gamers), emphasizing local expertise and dedication.