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CYBERPOWERPC CGS480VR1318

CYBERPOWERPC Wyvern Gaming PC User Manual

Model: CGS480VR1318

1. INTRODUCTION

Welcome to the CYBERPOWERPC Wyvern Gaming PC user manual. This guide provides essential information for setting up, operating, maintaining, and troubleshooting your new desktop computer. Please read this manual thoroughly before using your PC to ensure proper function and longevity.

Your CYBERPOWERPC Wyvern (Model CGS480VR1318) is a high-performance gaming desktop designed for an immersive computing experience. It features an Intel Core i5-9400F processor, an Nvidia GeForce GTX 1650 graphics card, 8GB of DDR4 RAM, a 240GB SSD, and a 1TB HDD, all running on Windows 10 Home.

Safety Guidelines

- Always connect the PC to a grounded power outlet.
- Do not open the PC case unless instructed by technical support, as it may void your warranty.
- Keep the PC away from liquids, excessive heat, and direct sunlight.
- Ensure adequate ventilation around the PC to prevent overheating.
- Use only the power supply unit (PSU) provided with your system.



Image: Front view of the CYBERPOWERPC Wyvern Gaming PC, showcasing its RGB-lit fans and sleek chassis design.

2. INITIAL SETUP

2.1 Unpacking

Carefully remove your PC and all accessories from the packaging. Retain the original packaging for future transport or warranty claims.

2.2 Connecting Peripherals

1. **Monitor:** Connect your monitor to the graphics card (Nvidia GeForce GTX 1650) ports (HDMI 2.0b, DVI-D, or DisplayPort v1.4) located at the rear of the PC. Do not connect to the motherboard's video outputs.
2. **Keyboard and Mouse:** Connect your keyboard and mouse to the available USB ports. The PC has 4x USB 3.1 Gen 1 and 2x USB 2.0 ports.
3. **Power:** Connect the power cable to the power supply unit (PSU) at the rear of the PC, then plug it into a grounded electrical outlet.
4. **Network (Optional):** For a wired connection, connect an Ethernet cable from your router to the RJ45 Ethernet port on the PC. For wireless, ensure the Wi-Fi antenna (if provided) is connected.
5. **Audio (Optional):** Connect speakers or headphones to the audio jacks on the rear or front panel.



Image: Close-up of the top panel of the PC, illustrating the accessible USB ports, audio jacks, and power button for easy peripheral connection.

2.3 First Boot

Press the power button located on the top front of the PC. The system will boot into Windows 10 Home. Follow the on-screen instructions to complete the initial Windows setup, including language, region, and user account creation.

2.4 Network Connection

- **Wired:** If you connected an Ethernet cable, your PC should automatically detect the network connection.
- **Wireless:** Click the Wi-Fi icon in the Windows taskbar, select your network, enter the password, and connect. The PC supports 300Mbps 802.11n Wi-Fi.

3. OPERATING YOUR PC

3.1 Power On/Off

- **Power On:** Press the power button on the top front of the case.
- **Shut Down:** Click the Windows Start button, then Power > Shut down. Avoid simply unplugging the PC to prevent data loss or system corruption.
- **Restart:** Click the Windows Start button, then Power > Restart.

3.2 Windows 10 Home

Your PC comes pre-installed with Windows 10 Home 64-bit. Familiarize yourself with the operating system's interface and features. Regular updates are recommended for security and performance.

3.3 RGB Lighting Control

The Cooler Master Masterbox MB520 case features 4x RGB LED fans. These can typically be controlled via a dedicated button on the case or through software provided by the manufacturer. Refer to the case manufacturer's documentation for specific instructions on RGB customization.

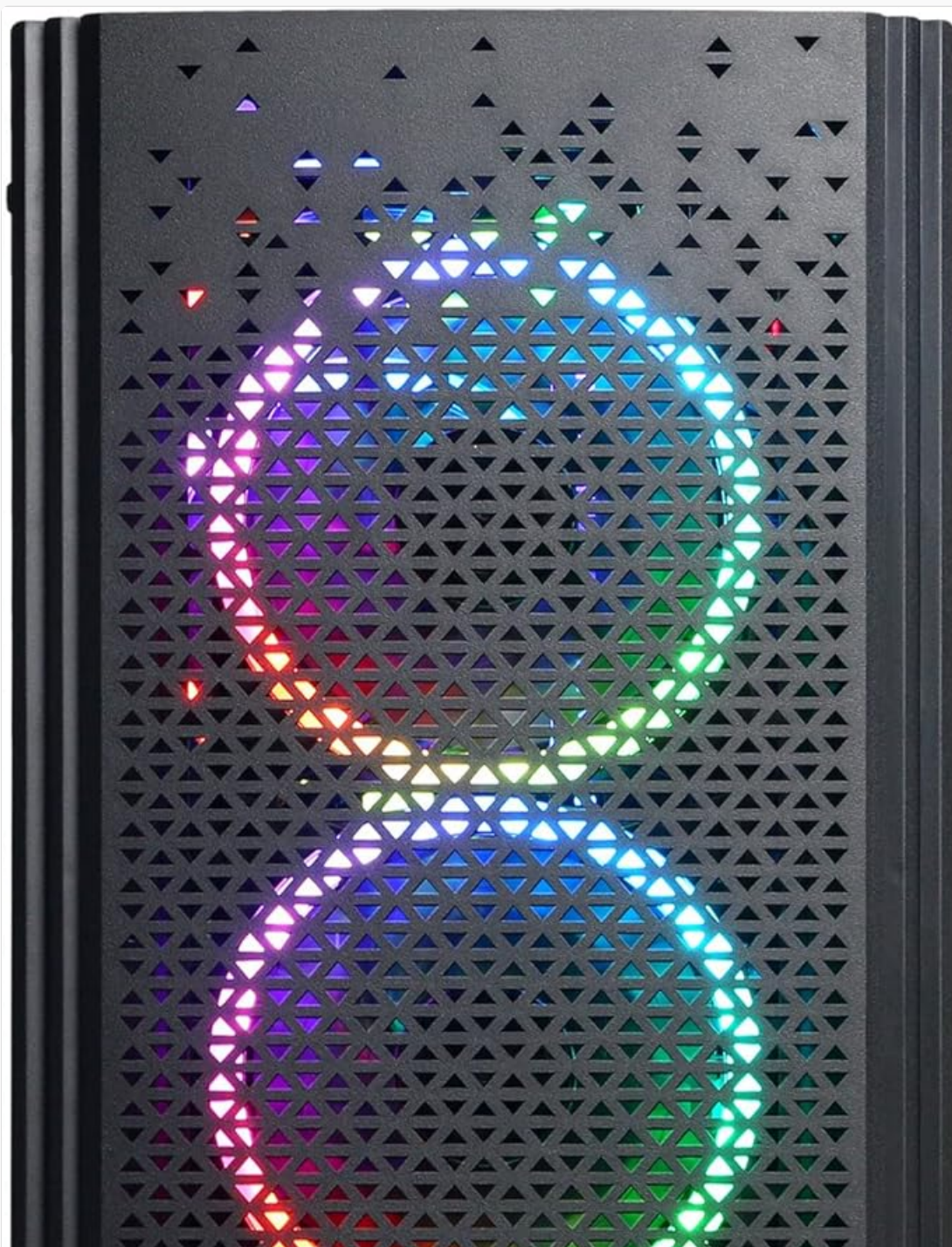




Image: The front panel of the CYBERPOWERPC Wyvern PC, highlighting the vibrant RGB illumination of the three front fans.

4. MAINTENANCE

4.1 Cleaning

- **Exterior:** Use a soft, damp cloth to clean the exterior of the case. Avoid abrasive cleaners.
- **Dust:** Periodically clean dust from the fan vents and interior components using compressed air. Ensure the PC is powered off and unplugged before cleaning.

4.2 Software Updates

- **Windows Updates:** Regularly check for and install Windows updates to ensure system stability and security.
- **Driver Updates:** Keep your graphics card drivers (Nvidia) and other component drivers updated for optimal performance. Visit the respective manufacturer's websites for the latest drivers.

4.3 Data Backup

Regularly back up your important data to an external drive or cloud storage to prevent data loss in case of hardware failure or other unforeseen issues.

5. TROUBLESHOOTING

5.1 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 (at the back of the PC) is in the 'On' position.
- Test the wall outlet with another device to confirm it has power.

5.2 No Display on Monitor

- Verify that the monitor is powered on and the video cable is securely connected to the graphics card (Nvidia GTX 1650) ports on the PC.
- Ensure the monitor input source is correctly selected (e.g., HDMI, DisplayPort).
- Try a different video cable or monitor if available.

5.3 Slow Performance

- Close unnecessary background applications.
- Check for and install any pending Windows or driver updates.
- Run a disk cleanup and defragmentation (for HDD) or optimization (for SSD).
- Scan for malware or viruses.

5.4 Network Connectivity Issues

- **Wired:** Check the Ethernet cable connection to both the PC and the router. Restart your router.
- **Wireless:** Ensure Wi-Fi is enabled in Windows. Restart your router. Verify your Wi-Fi password.

5.5 Blue Screen Errors (BSOD)

Blue Screen of Death errors can indicate various issues. Note down the error code or message displayed. Common solutions include:

- Updating drivers, especially graphics and chipset drivers.
- Running Windows Memory Diagnostic to check for RAM issues.
- Checking disk health using Windows tools.
- Performing a system restore to a previous working state.

6. SPECIFICATIONS

Component	Detail
Model Number	CGS480VR1318
Processor	Intel Core i5-9400F (6 Cores, 2.90GHz Base, 4.10GHz Turbo, 9 MB Cache)
Motherboard Chipset	H310
Graphics Card	Nvidia GeForce GTX 1650 4GB (HDMI 2.0b, DVI-D, DisplayPort v1.4)
RAM	8GB 2400MHz DDR4 RAM
Storage	240GB SATA-III SSD + 1TB 7200RPM SATA-III HDD
Power Supply	400W 80 Plus PSU
Operating System	Windows 10 Home 64-bit
Connectivity	4x USB 3.1 Gen 1, 2x USB 2.0, 1x PS/2 Port, 1x RJ45 Ethernet (10/100/1000), 300Mbps 802.11n Wi-Fi, 5.1 Channel High Definition Audio
Case	Cooler Master Masterbox MB520 Mid-Tower Gaming Case with 4x RGB LED Fans
Cooling	Intel Standard Cooler
Dimensions (L x W x H)	36 x 20.5 x 45 cm
Weight	10.4 kg

7. WARRANTY AND SUPPORT

7.1 Warranty Information

Your CYBERPOWERPC Wyvern Gaming PC comes with a warranty of **2 years on parts** and **3 years on labor**. This warranty covers manufacturing defects and hardware failures under normal use conditions.

The system also includes **Bullguard Internet Security for 1 year (3 devices)**, providing protection against online threats.

7.2 Technical Support

CYBERPOWERPC offers **lifetime technical support** for your product. If you encounter any issues that cannot be resolved using this manual's troubleshooting section, please contact CYBERPOWERPC customer support. Have your model number (CGS480VR1318) and purchase details ready when contacting support.

For the most up-to-date contact information and support resources, please visit the official CYBERPOWERPC website.

