

iBUYPOWER i7-13700F

iBUYPOWER SlateMesh Gaming PC (Model i7-13700F)

Instruction Manual

Brand: iBUYPOWER | Model: i7-13700F

1. INTRODUCTION

This instruction manual provides essential information for setting up, operating, maintaining, and troubleshooting your iBUYPOWER SlateMesh Gaming PC. Designed for high-performance gaming and demanding applications, this desktop features a 13th Gen Intel Core i7-13700F processor, NVIDIA GeForce RTX 4060 8GB graphics, 32GB DDR4 RAM, and a 2TB SSD. Please read this manual thoroughly to ensure optimal performance and longevity of your system.



Figure 1: Front view of the iBUYPOWER SlateMesh Gaming PC with customizable RGB lighting.

2. What's in the Box

Upon unboxing your iBUYPOWER SlateMesh Gaming PC, ensure all the following items are present:

- iBUYPOWER SlateMesh Gaming PC Tower
- Power Cable
- iBUYPOWER Gaming Keyboard
- iBUYPOWER Gaming Mouse
- Wi-Fi Antenna
- Quick Start Guide and Documentation
- Protective Packaging (foam inserts, protective bag)

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Video 1: iBUYPOWER Slate 6 Mesh PC Video Showcase. This video provides a visual overview of the PC's features and components.

3. SETUP

3.1 Unboxing and Initial Inspection

Carefully remove the PC from its packaging. The system is protected by foam inserts and a protective bag. Remove all internal packaging materials, including any foam or bags inside the PC case, before powering on. The tempered glass side panel can be carefully opened for access.



Figure 2: Interior view of the PC, showing the CPU cooler, RAM, and GPU. Ensure all internal packaging is removed.

3.2 Connecting Peripherals

1. **Monitor:** Connect your monitor cable (HDMI or DisplayPort) to the dedicated graphics card ports located at the lower rear of the PC. **Do not use the video ports on the motherboard (upper rear) for display.**
2. **Keyboard and Mouse:** Plug the USB cables from your keyboard and mouse into any available USB ports on the rear or top of the PC.
3. **Wi-Fi Antenna:** Screw the included Wi-Fi antenna(s) into the designated ports on the rear I/O panel.
4. **Power:** Connect the power cable to the PC's power supply unit (PSU) and then to a wall outlet.



Figure 3: Rear I/O panel, highlighting graphics card ports and other connectivity options.

Top access ports



Figure 4: Top access ports for convenient USB and audio connections.

3.3 First Boot

Press the power button located on the top of the PC. The system will boot into Windows 11 Home. Follow the on-screen instructions to complete the initial Windows setup.

4. OPERATING YOUR PC

Your iBUYPOWER SlateMesh Gaming PC is equipped with powerful components for a smooth and responsive experience:

- **Processor:** Intel Core i7-13700F CPU for high-speed processing and multitasking.
- **Graphics:** NVIDIA GeForce RTX 4060 8GB for high frame rates and immersive gaming.
- **Memory:** 32GB DDR4 RAM for efficient handling of multiple applications and large files.
- **Storage:** 2TB M.2 NVMe SSD for rapid boot times and fast game loading.

The PC features customizable RGB lighting on its fans and case. Refer to the pre-installed software (if applicable) or motherboard manual for instructions on adjusting RGB effects.

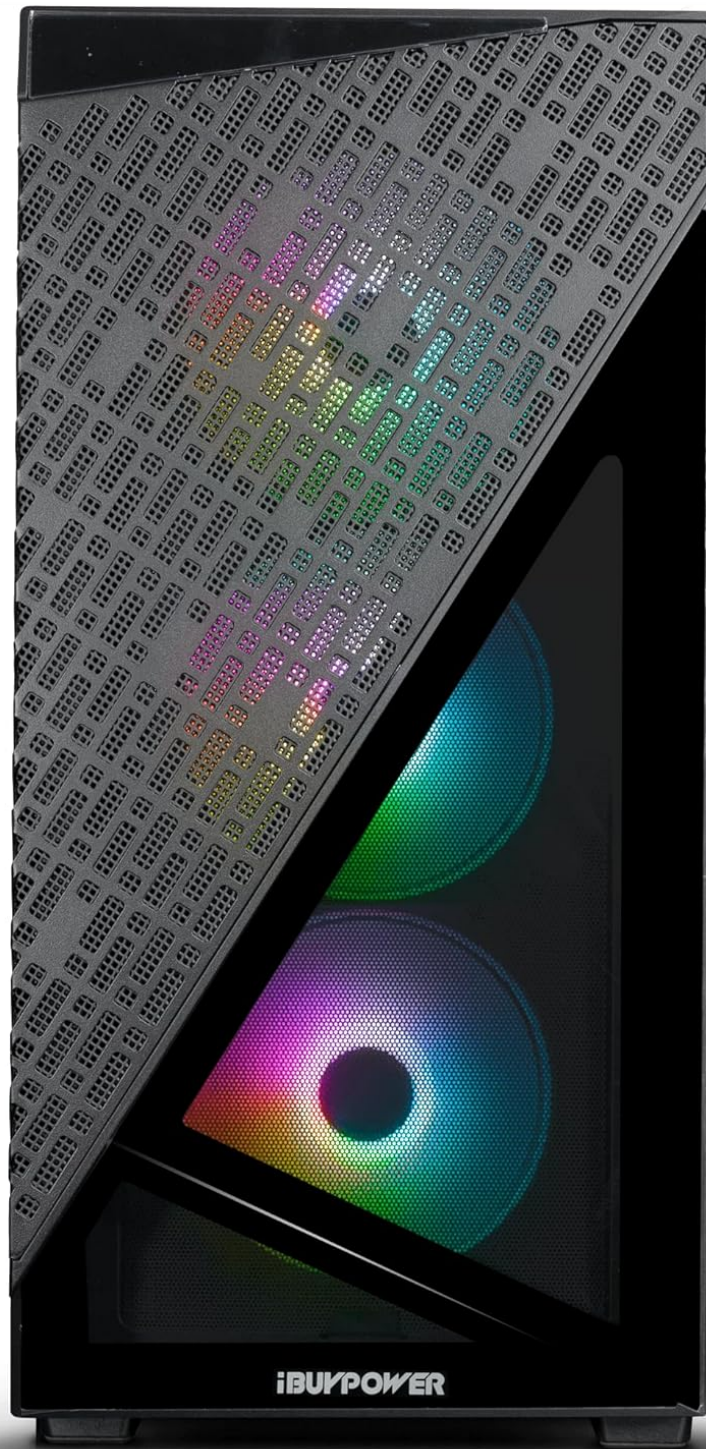


Figure 5: The PC's front panel features mesh design and RGB fans for enhanced aesthetics and airflow.

5. MAINTENANCE

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

- **Cooling:** The SlateMesh case design with its mesh front panel and multiple fans (including an RGB CPU Tower Air Cooler) is optimized for optimal airflow to keep components cool. Regularly check that fans are spinning freely and not obstructed.
- **Cleaning:** Dust accumulation can hinder cooling performance. Periodically clean the interior of your PC using compressed air. Pay special attention to fan blades, heatsinks, and mesh panels. The tempered glass side panel allows for easy visual inspection of internal components for dust buildup.

- **Software Updates:** Keep your Windows operating system, graphics drivers (NVIDIA GeForce), and other software up to date for security and performance improvements.



Figure 6: Side view of the PC, showcasing the mesh design for improved airflow.

6. TROUBLESHOOTING

If you encounter issues with your PC, try the following basic troubleshooting steps:

- **No Display:** Ensure your monitor is connected to the graphics card ports, not the motherboard ports. Check all cable connections.
- **PC Not Powering On:** Verify the power cable is securely connected to both the PC and the wall outlet. Check the power switch on the PSU (if present).
- **Performance Issues:** Close unnecessary background applications. Ensure drivers and Windows are updated. Check for excessive dust buildup.
- **System Instability:** Restart your PC. If issues persist, consult the technical support section below.

7. SPECIFICATIONS

Component	Detail
Processor	Intel Core i7-13700F (2.1GHz base, 5.2GHz Max Turbo)
Graphics Card	NVIDIA GeForce RTX 4060 8GB
RAM	32GB DDR4-3200MHz RGB RAM
Primary Storage	2TB M.2 NVMe SSD
Operating System	Windows 11 Home 64-bit
Case	iBUYPOWER Slate 6 Mesh Front Panel ARGB Gaming Case
Motherboard	B660 WiFi MB
Power Supply	600 Watts - High Power - 80 PLUS Gold Certified
Processor Cooling	RGB CPU Tower Air Cooler
Wireless Networking	PCIe or Onboard Wireless Networking (802.11ac)
Connectivity	6 x USB 3.1, 1x RJ-45 Network Ethernet 10/100/1000, On board audio
Item Weight	32 pounds
Color	Black



Figure 7: Approximate dimensions of the PC tower: 458 mm (18") x 220 mm (8.66") x 45 mm (1.77").

8. WARRANTY AND SUPPORT

For any technical assistance or warranty inquiries, please contact iBUYPOWER customer service or technical support:

- **Customer Service Hours:** Mon - Fri: 8:30 AM - 5:00 PM PST
- **Technical Support Hours:** Mon - Fri: 8:30 AM - 5:00 PM PST
- **Toll Free:** 1 (888) 618-6040

Please refer to your purchase documentation for specific warranty terms and conditions. The standard return policy allows for refunds or replacements within 30 days of purchase.

