

iBUYPOWER Y40BA9N57T01

iBUYPOWER Y40 PRO Black Gaming PC Desktop Computer Instruction Manual

Model: Y40BA9N57T01

1. INTRODUCTION

This manual provides essential information for setting up, operating, and maintaining your iBUYPOWER Y40 PRO Black Gaming PC Desktop Computer. Please read these instructions carefully before using your new system.

Key Features:

- AMD Ryzen 9 7900X Processor
- NVIDIA GeForce RTX 5070Ti 16GB Graphics Card
- 32GB DDR5 RGB 5200MHz RAM
- 2TB NVMe SSD for fast storage
- Windows 11 Home Operating System
- Integrated Wi-Fi Connectivity
- Included iBUYPOWER Gaming Keyboard and RGB Gaming Mouse
- HYTE Y40 PRO Black Case with Tempered Glass and RGB Fans



Figure 1: iBUYPOWER Y40 PRO Black Gaming PC with included peripherals.

2. SETUP GUIDE

2.1 Unboxing and Initial Inspection

Carefully remove the PC and its accessories from the packaging. Inspect all components for any signs of damage. It is recommended to have two people for safe removal of the PC from its box due to its weight and size.

Video 1: Unboxing and initial setup overview of an iBUYPOWER PC. This video demonstrates the careful removal of the PC from its packaging and highlights included accessories.

2.2 Removing Internal Protective Packaging

Before powering on the PC, it is crucial to remove all internal protective packaging. This typically includes foam inserts or air bags placed inside the case to secure components during shipping.

- Carefully open the side panel of the PC case.
- Locate and gently remove any foam inserts or air bags surrounding the graphics card, CPU cooler, and other internal components.
- Ensure no packaging material remains inside the case before closing the side panel.

Video 2: Demonstration of removing internal protective packaging from a PC case. This is a critical step before first use to prevent damage.

2.3 Connecting Peripherals and Power

Connect your monitor, keyboard, mouse, and power cable to the appropriate ports on the PC.

- **Monitor:** Connect your monitor cable (HDMI, DisplayPort) to the graphics card ports located at the lower rear of the PC. **Do not connect to the motherboard video ports (usually higher up) if a dedicated graphics card is present.**
- **Keyboard and Mouse:** Connect the included iBUYPOWER gaming keyboard and mouse to any available USB ports.
- **Power:** Connect the power cable to the power supply unit (PSU) at the rear of the PC and then to a wall outlet.
- **Network:** For wired internet, connect an Ethernet cable to the RJ-45 port. For wireless, the PC is Wi-Fi Ready.





Figure 2: Rear I/O panel of the iBUYPOWER Y40 PRO PC, highlighting connectivity options.



*PC components shown are for display purposes only.

Convenient access to I/O ports for fast accessory use.

Figure 3: Front I/O ports for convenient access to USB and audio connections.

3. OPERATING INSTRUCTIONS

3.1 Powering On and Initial Boot

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



Figure 4: A complete iBUYPOWER Y40 PRO PC setup, ready for use.

3.2 BIOS and Memory Configuration

For optimal performance, ensure your DDR5 RAM is configured correctly in the BIOS, typically by enabling the Extreme Memory Profile (XMP) setting. Refer to your motherboard manual for specific instructions on accessing and navigating the BIOS.

Video 3: Guide on installing and configuring DDR5 RAM, including enabling XMP in BIOS for optimal speed. This is relevant for users looking to verify or adjust memory settings.

3.3 RGB Lighting Control

The PC features customizable RGB lighting for its fans and internal components. Control software for RGB lighting is typically pre-installed or can be downloaded from the manufacturer's website. This allows you to personalize lighting effects and colors.

Video 4: A brief overview of the iBUYPOWER HYTE Y40 Gaming Desktop PC, showcasing its design and RGB lighting effects.



*PC components shown are for display purposes only.

Showcase PC components & lighting
with panoramic glass views
into the heart of a PC.

Figure 5: Internal components illuminated by customizable RGB lighting.

4. MAINTENANCE

4.1 Cooling and Airflow

The HYTE Y40 PRO case is designed with optimal airflow in mind, featuring multiple RGB fans and a 240mm liquid CPU cooling system. To maintain performance and longevity, ensure proper ventilation around the PC and regularly clean dust filters.



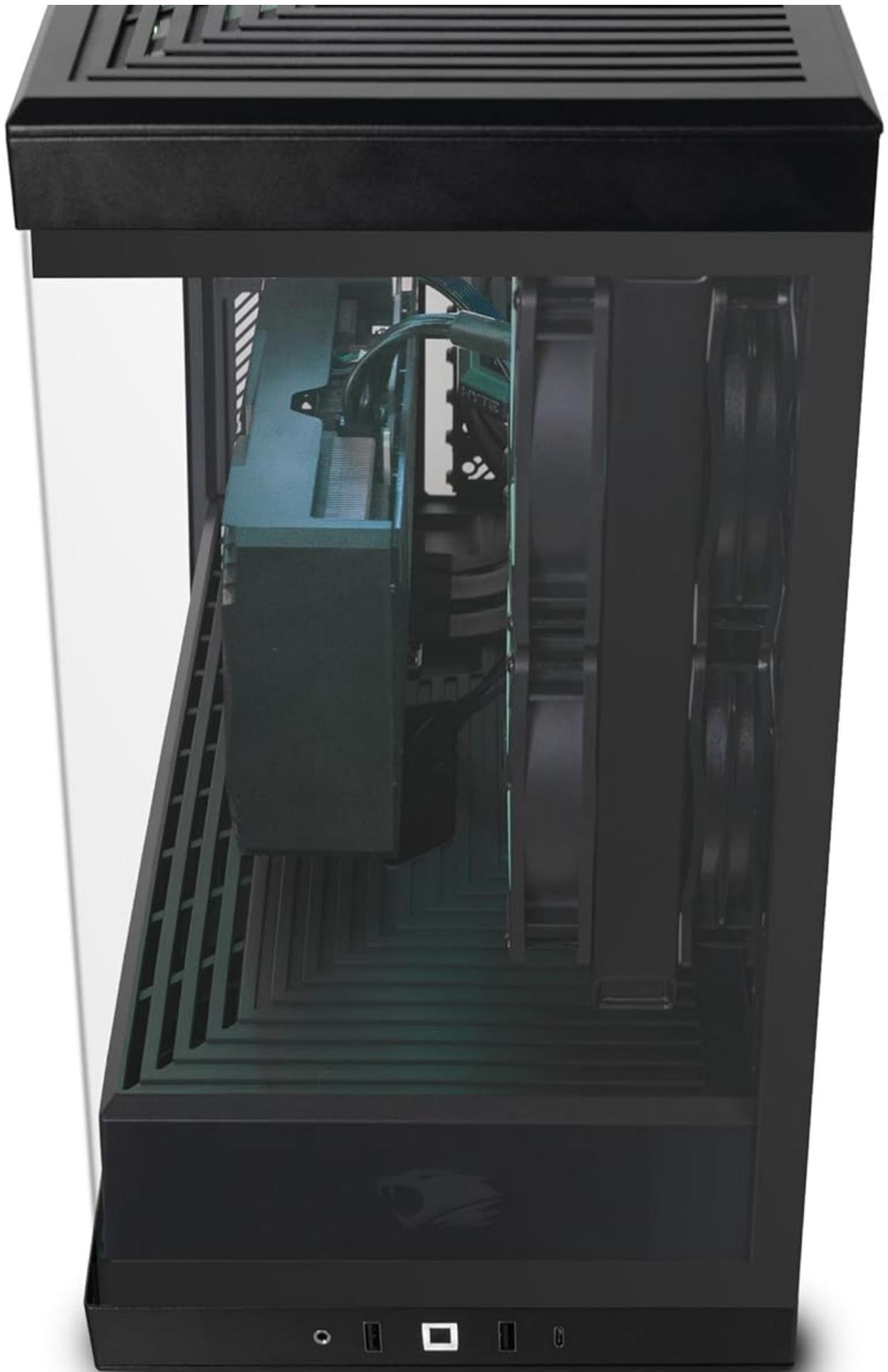


Figure 6: Close-up of the PC's internal cooling system, including fans and liquid cooler.

4.2 Cleaning

Regular cleaning prevents dust buildup, which can affect performance and component lifespan. Use compressed air to clear dust from fans, vents, and internal components. The tempered glass side panel allows for easy visual inspection of internal cleanliness.

4.3 Upgrades

The iBUYPOWER Y40 PRO is designed for expandability. You can upgrade components such as RAM, storage (NVMe SSDs), and potentially the graphics card in the future. Always consult the motherboard manual and component specifications before performing upgrades.

5. TROUBLESHOOTING

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

- **No Display:** Ensure your monitor cable is connected to the graphics card ports, not the motherboard ports. Verify the monitor is powered on and set to the correct input.
- **System Not Powering On:** Check all power connections, including the power cable to the PSU and the wall outlet. Ensure the power switch on the PSU is in the 'On' position.
- **Performance Issues:** Ensure all drivers (graphics card, chipset) are up to date. Check for background applications consuming resources. Monitor system temperatures to rule out overheating.
- **Windows Activation:** If Windows is not activated, follow the standard troubleshooting steps provided by Microsoft or contact iBUYPOWER support.

6. SPECIFICATIONS

Component	Specification
Processor	AMD Ryzen 9 7900X (4.7 GHz)
Graphics Card	NVIDIA GeForce RTX 5070Ti 16GB
RAM	32GB DDR5 RGB 5200MHz
Storage	2TB NVMe SSD
Operating System	Windows 11 Home
Connectivity	6 x USB 3.1, 1x RJ-45 Ethernet, On-board Audio, 802.11AC Wi-Fi
Case	HYTE Y40 PRO Black Tempered Glass RGB Gaming Case
Cooling	240mm Liquid CPU Cooling System, RGB Fans
Dimensions (LxWxH)	17.28 x 9.44 x 18.58 inches
Item Weight	36 pounds

7. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation included with your PC or visit the official iBUYPOWER website. Customer service and technical support hours are typically provided in

the Quick Start Guide.

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

Additional support resources and FAQs may be available on the iBUYPOWER website.