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› Skytech Gaming Prism Gaming PC User Manual

Skytech Gaming Prism ST-PRISM3-0953-B-AM

Skytech Gaming Prism Gaming PC User Manual

Brand: Skytech Gaming | Model: Prism ST-PRISM3-0953-B-AM

1. INTRODUCTION

This manual provides essential instructions for setting up, operating, maintaining, and troubleshooting your Skytech Gaming Prism PC. This high-performance system features an Intel i9 13900K processor, NVIDIA GeForce RTX 4090 graphics, 32GB DDR5 RAM, and a 2TB NVME Gen4 SSD, designed for demanding gaming and productivity tasks.

2. WHAT'S IN THE BOX

Upon unboxing your Skytech Gaming Prism PC, please verify that all the following components are included:

- Skytech Gaming Prism PC Unit
- Power Cord
- RGB Keyboard
- RGB Mouse
- Quick Start Guide and Documentation
- Additional accessories (e.g., extra cables, screws, depending on specific configuration)

3. SETUP GUIDE

3.1. Unboxing and Initial Inspection

Carefully remove the PC from its packaging. Inspect the exterior for any signs of damage during transit. Open the side panel to remove any internal packing materials (e.g., foam inserts) that secure components during shipping. Ensure all internal cables are securely connected.



Figure 3.1: Front-side view of the Skytech Gaming Prism PC, showcasing its internal RGB lighting and transparent side panel.

3.2. Connecting Peripherals

1. **Monitor:** Connect your monitor to the graphics card (NVIDIA Geforce RTX 4090) using an appropriate cable (HDMI, DisplayPort). Ensure it is connected to the dedicated graphics card ports, not the motherboard's integrated graphics ports.
2. **Keyboard and Mouse:** Connect the included RGB keyboard and mouse to available USB ports on the rear I/O panel.
3. **Power:** Connect the power cord to the PC's power supply unit (PSU) and then to a wall outlet or surge protector.
4. **Network:** For internet access, connect an Ethernet cable to the LAN port or ensure your Wi-Fi antenna is properly installed for wireless connectivity.
5. **Audio:** Connect speakers or headphones to the appropriate audio jacks.

POWER UNDER PRESSURE.

Experience the ultimate cooling performance.



COOLER THAN COOL

This cooler features an advanced radiator with powerful yet quiet fans. No matter the task, it will keep your processor at consistent low temps minimizing thermal interference, so you can push your PC to the max.



SUPERIOR THERMALS

Your unsung hero that keeps processors running cool. With its advanced formula and precise application, it ensures consistent low temps, so your processor can perform at its best, game after game, task after task.



LOW TEMPERATURES



MAXIMUM CLOCK SPEEDS

Figure 3.2: Rear I/O panel of the PC, illustrating the various ports for connecting peripherals.

3.3. First Boot

Once all peripherals are connected, press the power button located on the top or front of the PC case. The system will boot into Windows 11 Home. Follow the on-screen instructions for initial Windows setup, including language, region, and network configuration.





Figure 3.3: Close-up of the top front panel, highlighting the power button, reset button, USB 3.0, USB-C Gen 2, and headphone/mic inputs.

4. OPERATING YOUR PC

4.1. Windows 11 Home

Your PC comes pre-installed with Windows 11 Home 64-bit. Ensure all system and driver updates are installed for

optimal performance and security. Access Windows Update through the Settings menu.

4.2. RGB Lighting Control

The Skytech Gaming Prism PC features extensive ARGB lighting for fans and internal components. Control and customize these lighting effects using the pre-installed software (e.g., SignalRGB or motherboard-specific software) or dedicated buttons on the case, if available. Refer to the software's documentation for detailed customization options.



Figure 4.1: Internal view showing the multiple ARGB fans and their vibrant lighting effects.

4.3. Gaming and Performance

This PC is equipped with an Intel i9 13900K processor and an NVIDIA GeForce RTX 4090 graphics card, providing exceptional performance for modern games and demanding applications. For the best gaming experience, ensure your graphics drivers are up to date. You can download the latest drivers from the NVIDIA official website.



Figure 4.2: A detailed view of the NVIDIA Geforce RTX 4090 graphics card installed within the system.

5. MAINTENANCE

Regular maintenance helps ensure the longevity and optimal performance of your PC.

- **Dust Cleaning:** Periodically clean dust from the PC's interior, especially from fans, radiators, and air filters. Use compressed air and a soft brush. Ensure the PC is powered off and unplugged before cleaning.
- **Software Updates:** Keep your operating system, drivers (especially graphics drivers), and applications updated to benefit from performance improvements and security patches.
- **Cable Management:** Ensure internal cables are neatly routed to prevent obstruction of airflow.

6. TROUBLESHOOTING

If you encounter issues with your PC, consider the following common solutions:

- **No Power:**

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

- **No Display on Monitor:**

- Verify that the monitor is powered on and connected to the graphics card, not the motherboard.
- Try a different display cable or monitor if possible.
- Ensure the monitor's input source is correctly selected.

- **System Freezes or Crashes:**

- Ensure all drivers are up to date.
- Check for overheating. Monitor CPU and GPU temperatures using software.
- Run a memory diagnostic tool to check for RAM issues.

- **Poor Performance in Games:**

- Update graphics drivers.
- Close unnecessary background applications.
- Check in-game settings; reduce graphics quality if necessary.

For further assistance, please refer to the Warranty and Support section.

7. SPECIFICATIONS

Component	Specification
Processor	Intel i9 13900K 3.0 GHz (5.4GHz Max Boost) CPU
Memory (RAM)	32GB DDR5 RAM RGB Gaming Memory with Heat Spreader
Graphics Card	NVIDIA Geforce RTX 4090 24GB GDDR6X Graphics Card
Storage	2TB NVME Gen4 SSD
Operating System	Microsoft Windows 11 Home 64-bit
Case	Prism 3 Case - Black
Cooling	420mm AIO Liquid Cooler, 9 ARGB Fans
Power Supply Unit (PSU)	1200W Gold ATX 3.0 PSU
Wireless Connectivity	802.11AC Wi-Fi
Model Number	ST-PRISM3-0953-B-AM

8. WARRANTY AND SUPPORT

Skytech Gaming typically offers a 1-year parts replacement warranty and lifetime technical support for their products.

Please refer to the specific warranty card included with your PC or visit the official Skytech Gaming website for the most current and detailed warranty information and support contact options.

For technical assistance, you may contact Skytech Gaming customer support directly.

9. IMPORTANT NOTICES

Disclaimer:

Product images used in promotional materials are for illustrative purposes only and do not necessarily indicate the exact components used at the time of manufacture. Component makes and models may vary from product depictions but will adhere to the specifications outlined in the product's main description. Particulars such as I/O ports may also vary. For specific details regarding your unit's components, please contact Skytech Gaming support.

