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Acer PO3-630-UA91

Acer Predator Orion 3000 PO3-630-UA91 Gaming Desktop User Manual

1. Introduction

Welcome to your new Acer Predator Orion 3000 PO3-630-UA91 Gaming Desktop. This manual provides essential information for setting up, operating, maintaining, and troubleshooting your system. Please read it thoroughly to ensure optimal performance and longevity of your device.

Package Contents

Verify that all items listed below are included in your package:

- Acer Predator Orion 3000 PO3-630-UA91 Desktop
- Predator RGB Gaming Keyboard
- Predator RGB Gaming Mouse
- Power Cord



Image: The Acer Predator Orion 3000 desktop tower, featuring RGB lighting, accompanied by the included RGB gaming keyboard and mouse.

2. Setup Guide

2.1 Initial Connection

1. **Connect Peripherals:** Connect the Predator RGB Gaming Keyboard and Mouse to available USB ports on the desktop.
2. **Connect Display:** Connect your monitor to one of the available display outputs (DisplayPort or HDMI) on the NVIDIA GeForce RTX 3070 graphics card.
3. **Connect Power:** Plug the power cord into the desktop's power input and then into a wall outlet.
4. **Network Connection:** For internet access, connect an Ethernet cable to the Killer Ethernet E2600 port or ensure your Wi-Fi network is available for wireless connection via Intel Wireless Wi-Fi 6 AX201.



Image: A detailed view of the front panel ports, including USB 3.2 Type-C Gen 2, USB 3.2 Gen 2, and audio jacks, for easy peripheral connection.

2.2 First Boot

Press the power button located on the top front of the desktop. Follow the on-screen instructions to complete the Windows 10 Home setup process. This includes setting up your user account, network preferences, and initial system configurations.

3. Operating Your Desktop

3.1 System Overview

Your Predator Orion 3000 is equipped with an 11th Gen Intel Core i7-11700F processor and NVIDIA GeForce RTX 3070 graphics, providing robust performance for gaming and demanding applications.



Image: A close-up of an Intel Core i7 processor chip installed on a motherboard.



Image: The Acer Predator Orion 3000 desktop tower with a monitor displaying a game, featuring the NVIDIA GeForce RTX logo.

3.2 PredatorSense Software

The PredatorSense software allows you to monitor system performance, customize RGB lighting, and manage fan speeds. Access it from your desktop to optimize your gaming experience.





Image: A screenshot of the PredatorSense software interface, displaying CPU, GPU, and system temperatures, along with options for lighting and fan control.

3.3 RGB Lighting Customization

Utilize the PredatorSense software to personalize the RGB lighting on your desktop, keyboard, and mouse. Choose from 16.7 million colors and various effects to match your setup.



Image: The Acer Predator Orion 3000 desktop tower showcasing its customizable RGB lighting, with various colors illuminating the interior and front panel.

3.4 Audio and Networking

Experience immersive audio with DTS X: Ultra Audio technology. For network connectivity, the system features Intel Wi-Fi 6 AX201 for high-speed wireless and Killer Ethernet E2600 for reliable wired connections.



Image: The DTS X Ultra Audio logo alongside a stylized human head with concentric circles indicating immersive sound technology.



Image: The Killer Ethernet E2600 chip prominently displayed, with two Acer Predator Orion 3000 desktops in the background, one with purple and orange lighting, the other with green and yellow.

4. Maintenance

4.1 General Care

- Keep the desktop in a well-ventilated area to prevent overheating.
- Regularly clean the exterior with a soft, dry cloth.
- Avoid placing objects on top of the desktop that may obstruct airflow.

4.2 Dust Management

Dust accumulation can affect performance and cooling. Periodically use compressed air to clean dust from the vents and internal components. Ensure the system is powered off and unplugged before cleaning.



Image: The Acer Predator Orion 3000 desktop tower, with an inset showing a close-up of its dual Predator FrostBlade fans, emphasizing the cooling system.

5. Troubleshooting

5.1 Common Issues

- **No Power:** Ensure the power cord is securely connected to both the desktop and the wall outlet. Verify the power button is functioning.
- **No Display:** Check that the monitor is properly connected to the graphics card and powered on. Try a different display cable or port.
- **System Overheating:** Ensure the desktop has adequate ventilation. Clean dust from vents. Monitor temperatures using PredatorSense software.
- **Peripheral Not Responding:** Try connecting the keyboard or mouse to a different USB port. Ensure drivers are up to date.
- **Network Connectivity Issues:** For Wi-Fi, check router status and ensure correct password. For Ethernet, verify

cable connection and router status.

6. Specifications

Component	Specification
Processor	11th Gen Intel Core i7-11700F (8-Core, up to 4.9GHz)
Graphics Card	NVIDIA GeForce RTX 3070 with 8GB GDDR6
RAM	16GB DDR4 3200MHz (Expandable to 64GB)
Storage	512GB NVMe SSD + 1TB 7200RPM HDD
Operating System	Windows 10 Home
Wireless Connectivity	Intel Wi-Fi 6 AX201 (802.11ax), Bluetooth 5.2
Wired Connectivity	Killer Ethernet E2600 (10/100/1000 Gigabit Ethernet)
Audio	DTS X: Ultra Audio
Front I/O Ports	1x USB 3.2 (Type C) Gen 2, 1x USB 3.2 Gen 2, Audio Jacks
Rear I/O Ports	1x USB 3.2 (Type C) Gen 2x2, 2x USB 3.2 Gen 1 Type-A, 2x USB 2.0, 3x DisplayPort, 1x HDMI
Power Supply	500W
Dimensions (LxWxH)	15.2 x 6.89 x 15.43 inches
Weight	24.1 pounds (system unit only)

7. Warranty and Support

Your Acer Predator Orion 3000 PO3-630-UA91 Gaming Desktop comes with a**1 Year Parts and Labor Limited Warranty**. For technical assistance or warranty claims, please refer to the official Acer support channels or the documentation included with your product. Contact information for support can typically be found on the Acer website.

For additional resources, you may visit the official Acer support website or consult the PDF user manual available at Acer User Manual (PDF).

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