Alienware AWAUR15-A770BLK-PUS

Alienware Aurora R15 Gaming Desktop User Manual

Model: AWAUR15-A770BLK-PUS

Introduction

This manual provides essential information for setting up, operating, maintaining, and troubleshooting your Alienware Aurora R15 Gaming Desktop. Please read this guide thoroughly to ensure optimal performance and longevity of your system.

Image: Alienware Aurora R15 Gaming Desktop, showcasing its design and branding.

1. Setup

1.1 Unboxing and Initial Inspection

Carefully remove the desktop from its packaging. Inspect for any visible damage. Ensure all components listed below are present.

What's in the Box:

- Desktop Tower
- Power Cord
- Documentation

ALIENWARE

Image: The Alienware Aurora R15 Gaming Desktop, ready for setup.

1.2 Connecting Peripherals

Connect your monitor, keyboard, and mouse to the appropriate ports on the desktop. Ensure the power cord is securely connected to the desktop and a power outlet.

Image: Front view of the Alienware Aurora R15 with a connected keyboard and mouse.

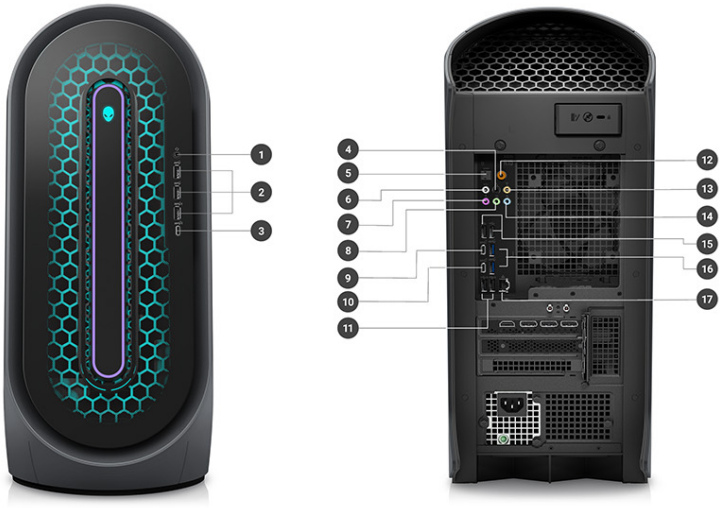

Image: Diagram illustrating the front and rear port configurations of the Alienware Aurora R15.

Front Ports:

- Headphone/Line Out
- (3x) USB 3.2 Gen 1 (one with PowerShare technology)
- USB 3.2 Gen 2 Type-C® with PowerShare technology

Rear Ports:

- HDMI
- Ethernet
- Multiple USB ports (various generations)
- Audio ports

2. Operating Instructions

2.1 First Boot and Windows 11 Setup

Press the power button located on the front of the desktop. The system will guide you through the initial Windows 11 setup process. Follow the on-screen prompts to configure your operating system, network, and user accounts.

Image: The Windows 11 operating system logo.

2.2 AlienFX Lighting Customization

Your Alienware Aurora R15 features customizable AlienFX lighting zones. Use the Alienware Command Center software to personalize the lighting effects and colors to your preference.

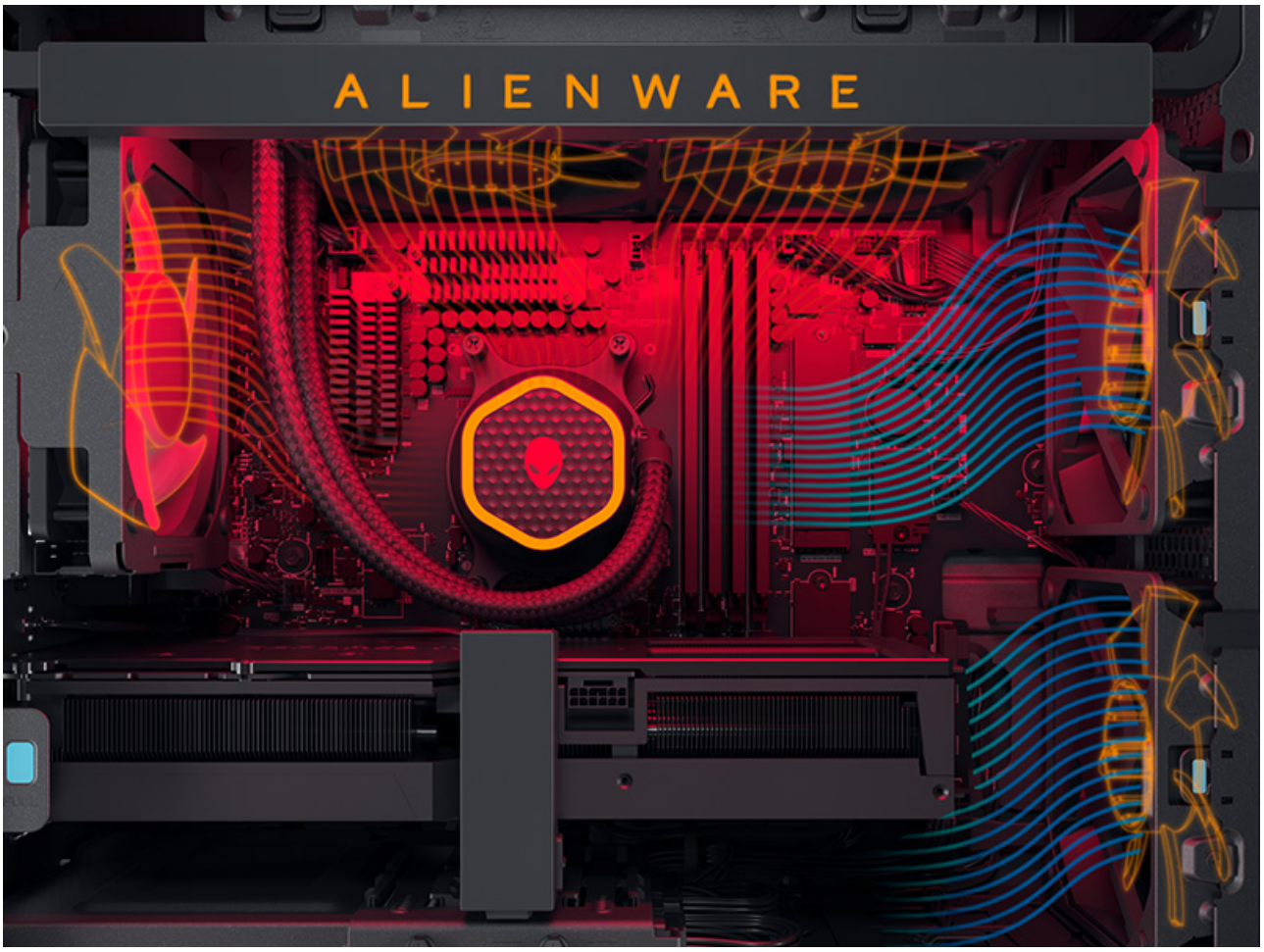

Image: Front view of the Alienware Aurora R15 showcasing its customizable AlienFX lighting.

Image: Screenshot of the Alienware Command Center software, demonstrating lighting customization options.

2.3 Performance Features

The Alienware Aurora R15 is equipped with an AMD Ryzen 9 7900X processor and NVIDIA GeForce RTX 4080 graphics, designed for high-performance gaming and demanding applications.

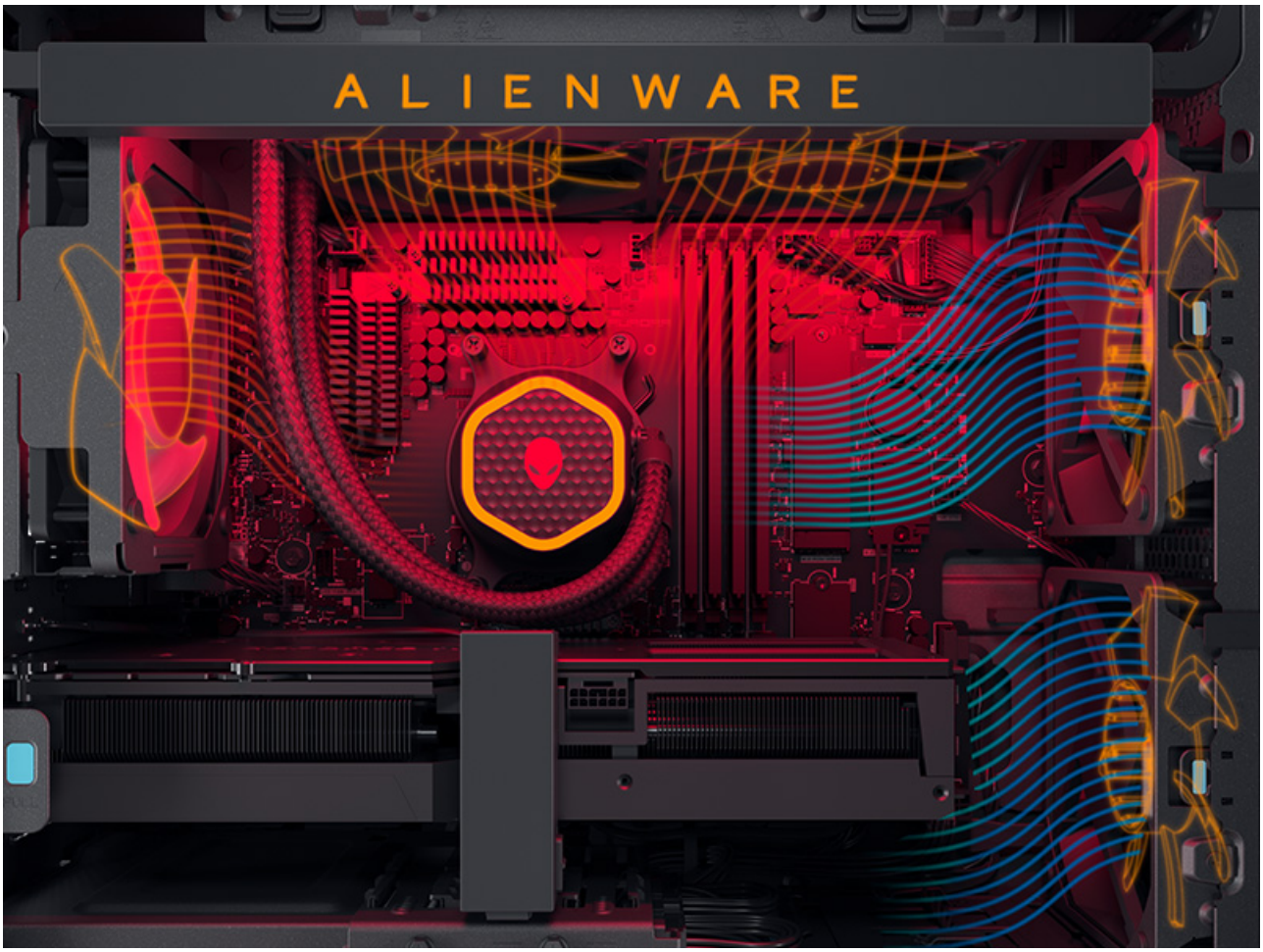

Image: Close-up view of the AMD Ryzen 7000 Series processor installed within the Alienware Aurora R15 desktop.

Image: Banner highlighting the NVIDIA GeForce RTX 4080 graphics card.

Video: NVIDIA 40 Series Overview

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Video: An overview of the NVIDIA 40 series graphics cards, demonstrating performance capabilities.

Video: Alienware Aurora R15 Product Overview

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Video: A brief overview of the Alienware Aurora R15 desktop, highlighting its design and features.

3. Maintenance

3.1 Cooling System

The Aurora R15 features an advanced cooling system, including a 240mm heat exchanger and hexagonal side vents for improved airflow. Regular cleaning of dust filters and ensuring proper ventilation around the desktop is recommended to maintain optimal thermal performance.

Image: Internal view of the Alienware Aurora R15, illustrating the airflow path for efficient cooling.

Image: The Alienware Cryo-Tech liquid cooling unit, a key component for thermal management.

3.2 General Care

Keep the desktop in a clean, dry environment. Avoid placing objects on top of the unit that could obstruct airflow. Use a soft, dry cloth for exterior cleaning. Do not use liquid cleaners directly on the components.

4. Troubleshooting

4.1 System Not Powering On

- Ensure the power cable is securely connected to both the desktop and the wall outlet.
- Verify the power outlet is functional by plugging in another device.
- Check for any indicator lights on the power supply unit or motherboard.

4.2 Display Issues

- Confirm that the monitor cable is correctly connected to the graphics card output on the desktop and the monitor input.
- Ensure the monitor is powered on and set to the correct input source.
- Update graphics drivers to the latest version from the NVIDIA website.

4.3 Overheating or Performance Drops

- Ensure the desktop has adequate ventilation and is not placed in an enclosed space.
- Clean any dust accumulation from the vents and internal components using compressed air.

- Monitor CPU and GPU temperatures using Alienware Command Center or other system monitoring software.

5. Specifications

Feature	Detail
Brand	Alienware
Model Name	Alienware Aurora R15 Gaming Desktop
Model Number	AWAUR15-A770BLK-PUS
Operating System	Windows 11 Home
CPU Model	AMD Ryzen 9 7900X
CPU Speed	Up to 5.6 GHz
Graphics Card	NVIDIA GeForce RTX 4080 16GB GDDR6X
RAM Memory	32 GB DDR5 (4800 MHz)
Storage	1TB SSD + 2TB HDD
Cooling Method	Liquid Cooling (Cryo-Tech)
Power Supply	1350 watts
Connectivity	Bluetooth, Ethernet, HDMI, USB, Wi-Fi (802.11ax)
Dimensions (HxWxD)	20.83 x 8.83 x 20.08 inches

6. Warranty and Support

Your Alienware Aurora R15 Gaming Desktop comes with a **1 Year Premium Support** warranty and **Dell Migrate - Multi Instance - 6 Months**. For technical assistance, warranty claims, or further support, please contact Dell/Alienware customer service.

You can find more information and support resources on the official Alienware website: Dell Support for Alienware Aurora R15

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Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question