

Alienware AWAUR10-A781WHT-PUS

Alienware Aurora R10 Gaming Desktop User Manual

Model: AWAUR10-A781WHT-PUS

1. INTRODUCTION

This manual provides essential information for the setup, operation, maintenance, and troubleshooting of your Alienware Aurora R10 Gaming Desktop. Please read this manual thoroughly before using your system to ensure optimal performance and longevity.





Figure 1.1: Front view of the Alienware Aurora R10 Gaming Desktop, showcasing its distinctive design and illuminated front panel.

2. SETUP GUIDE

Follow these steps to set up your Alienware Aurora R10 Gaming Desktop.

2.1 Unboxing and Placement

- Carefully remove the desktop from its packaging.
- Place the desktop on a stable, flat surface with adequate ventilation around all sides. Ensure no vents are obstructed.
- Verify all components are present. The box should contain the Alienware R10 desktop and power cable.



Figure 2.1: Side view of the Alienware Aurora R10, highlighting its sleek design and Alienware branding.

2.2 Connecting Peripherals

Connect your monitor, keyboard, mouse, and other essential peripherals to the appropriate ports on the desktop.

- **Monitor:** Connect your monitor to the graphics card's display output ports (HDMI, DisplayPort).
- **Keyboard and Mouse:** Connect to any available USB ports. The system features multiple USB 2.0 and USB 3.0 ports.
- **Power Cable:** Connect the power cable to the power supply unit (PSU) at the rear of the desktop and then to a wall outlet or surge protector.
- **Network Cable (Optional):** For wired internet, connect an Ethernet cable to the RJ-45 port.



Figure 2.2: Rear view of the Alienware Aurora R10, illustrating the layout of various connectivity ports and ventilation.

3. OPERATING INSTRUCTIONS

3.1 Powering On and Initial Boot

1. Ensure all cables are securely connected.
2. Press the power button located on the front of the desktop. The Alienware logo and front light strip will illuminate.
3. The system will boot into Windows 10 Home. Follow the on-screen prompts for initial Windows setup if this is your first use.







Figure 3.1: Top view of the Alienware Aurora R10, showcasing its integrated ventilation system.

3.2 Shutting Down and Restarting

- **Shut Down:** Click the Start button, then Power, and select "Shut down".
- **Restart:** Click the Start button, then Power, and select "Restart".
- **Sleep:** Click the Start button, then Power, and select "Sleep".

4. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your Alienware Aurora R10.

4.1 Cleaning

- **Exterior:** Use a soft, damp cloth to clean the exterior surfaces. Avoid abrasive cleaners.
- **Vents:** Periodically use compressed air to clear dust from the intake and exhaust vents to maintain proper airflow.
- **Internal Components:** For advanced cleaning, consult a professional or refer to the official Alienware service manual.



Figure 4.1: Internal view of the Alienware Aurora R10, showing the arrangement of key components such as the CPU, RAM, and graphics card.

4.2 Software Updates

- Regularly check for Windows updates through the Settings app.
- Update graphics drivers (AMD Radeon) and other system drivers through the official Alienware or Dell support websites.
- Keep your antivirus software up to date.

5. TROUBLESHOOTING

This section addresses common issues you might encounter.

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
System does not power on.	Power cable loose, power outlet issue, PSU failure.	Ensure power cable is securely connected. Try a different power outlet. Contact support if issue persists.
No display on monitor.	Monitor cable loose, incorrect input selected on monitor, graphics card issue.	Check monitor cable connections. Ensure monitor is on correct input. Restart system.
System fan noise is excessive.	Dust accumulation in vents, high system load, fan malfunction.	Clean vents with compressed air. Ensure system is not under heavy load unnecessarily. Update drivers.
System performance is slow.	Too many background applications, outdated drivers, insufficient storage.	Close unnecessary programs. Update drivers. Check SSD storage space.

6. TECHNICAL SPECIFICATIONS

Detailed specifications for the Alienware Aurora R10 Gaming Desktop (Model: AWAUR10-A781WHT-PUS).

Feature	Detail
Brand	Alienware
Series	Aurora R10
Model Number	AWAUR10-A781WHT-PUS
Operating System	Windows 10 Home
Processor	AMD Ryzen 9 3900 (3.1 GHz)
RAM	32 GB DDR4 SDRAM (HyperX Fury DDR4 XMP)
Storage	1 TB SSD (Solid State Drive)
Graphics Coprocessor	AMD Radeon RX 5700 XT (8 GB GDDR6)
USB 2.0 Ports	6
USB 3.0 Ports	1
Color	Lunar Light
Item Weight	38.4 pounds
Product Dimensions (LxWxH)	17 x 8.77 x 18.96 inches
Memory Slots Available	4

Feature	Detail
Specific Uses	Gaming

7. WARRANTY AND SUPPORT

Your Alienware Aurora R10 Gaming Desktop comes with a manufacturer's warranty. For specific warranty terms and conditions, please refer to the documentation included with your product or visit the official Dell/Alienware support website.

For technical assistance, driver downloads, and further support, please visit the [Alienware Store on Amazon](#) or the official Dell Support website.

Contact Support:

- Online Support: Visit Dell's official support portal.
- Phone Support: Refer to your product's warranty card for regional contact numbers.