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### Alienware AW15R3-7001SLV-PUS

# Alienware AW15R3-7001SLV-PUS 15.6-inch Gaming Laptop User Manual

Model: AW15R3-7001SLV-PUS

## 1. INTRODUCTION

This manual provides essential information for setting up, operating, maintaining, and troubleshooting your Alienware AW15R3-7001SLV-PUS 15.6-inch Gaming Laptop. Please read this guide thoroughly to ensure optimal performance and longevity of your device.



Figure 1: Front view of the Alienware AW15R3-7001SLV-PUS laptop.

## 2. PRODUCT OVERVIEW

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The Alienware AW15R3-7001SLV-PUS is a high-performance gaming laptop designed for immersive gaming experiences. It features a robust build and advanced components to deliver powerful performance.

### Key Features:

- 15.6-inch Full HD (1920x1080) Display with 120Hz G-Sync Technology
- Intel Core i7-7700HQ Quad-Core Processor
- 16GB DDR4 RAM
- 1TB Hard Drive
- NVIDIA GeForce GTX 1060 Graphics
- Premium construction with Magnesium Alloy and Copper for enhanced durability and thermal management.
- Alienware TactX Keyboard with N-key Rollover.

### Product Video Overview:

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Video 1: An official Alienware video showcasing the design, internal components, and gaming capabilities of the Alienware 15 laptop, highlighting its premium materials, advanced cooling, TactX keyboard, and powerful graphics.

## 3. SETUP

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### 3.1 Unboxing and Initial Inspection

Carefully remove the laptop and all accessories from the packaging. Verify that all components listed in the 'What's in the Box' section are present:

- Alienware AW15R3-7001SLV-PUS Laptop
- Power Adapter
- Quick Start Guide
- Warranty, Safety, and Regulatory Information

### 3.2 Connecting the Power Adapter

Connect the power adapter to the power input port on the rear of the laptop, then plug the power cable into a wall outlet. The laptop can be used while charging.



Figure 2: Rear ports of the Alienware AW15R3-7001SLV-PUS, including the power input.

### 3.3 Initial Boot-Up and Operating System Setup

Press the power button to turn on the laptop. Follow the on-screen instructions to complete the Windows 10 setup process. This includes selecting your region, connecting to a network, and creating a user account.

## 4. OPERATING INSTRUCTIONS

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### 4.1 Power On/Off and Sleep Mode

- **Power On:** Press the power button located on the top right of the keyboard deck.
- **Power Off:** Click the Start button, then Power > Shut down.
- **Sleep Mode:** Click the Start button, then Power > Sleep, or close the laptop lid.

### 4.2 Keyboard and Touchpad Usage

The Alienware TactX keyboard features N-key rollover for precise input during gaming. The touchpad supports multi-touch gestures for navigation.



Figure 3: Keyboard and touchpad area of the Alienware AW15R3-7001SLV-PUS.

### 4.3 Connecting Peripherals

Your laptop is equipped with various ports for connecting external devices.

- **USB Ports:** Connect USB devices such as mice, keyboards, or external storage drives. The laptop includes USB 2.0 and other USB ports.
- **HDMI:** Connect to an external monitor or TV.
- **Ethernet:** For wired network connectivity.
- **Audio Jacks:** For headphones and microphones.



Figure 4: Left side ports of the Alienware AW15R3-7001SLV-PUS.



Figure 5: Right side ports of the Alienware AW15R3-7001SLV-PUS.

## 4.4 Display Settings and G-Sync

The 120Hz G-Sync display provides smooth, tear-free gaming. Access display settings through Windows Display Settings or the NVIDIA Control Panel to configure resolution, refresh rate, and G-Sync options.

## 5. MAINTENANCE

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### 5.1 Cleaning the Laptop

- Use a soft, lint-free cloth to clean the screen and exterior surfaces.
- For stubborn smudges, slightly dampen the cloth with water or a screen cleaner.
- Avoid spraying liquids directly onto the laptop.
- Regularly clean the air vents to prevent dust buildup, which can affect cooling performance.

## 5.2 Battery Care

- Avoid fully discharging the battery frequently.
- Store the laptop in a cool, dry place if not used for extended periods.
- For optimal battery health, try to keep the charge between 20% and 80%.

## 5.3 Software Updates

Regularly update your Windows operating system, NVIDIA graphics drivers, and Alienware software (e.g., Alienware Command Center) to ensure stability, security, and optimal performance.

# 6. TROUBLESHOOTING

## 6.1 Common Issues and Solutions

- **No Power:** Ensure the power adapter is securely connected to both the laptop and a working power outlet. Try a different outlet.
- **Display Issues:** If the screen is blank, try connecting an external monitor to check if the issue is with the laptop's display. Update graphics drivers.
- **Performance Lag:** Close unnecessary applications, check for background processes, ensure drivers are updated, and verify sufficient storage space.
- **Overheating:** Ensure air vents are clear and not obstructed. Consider using a cooling pad.

## 6.2 Contacting Support

If you encounter issues that cannot be resolved using this guide, please refer to the Alienware support website or contact their customer service for further assistance. Have your model number (AW15R3-7001SLV-PUS) and serial number ready.

# 7. SPECIFICATIONS

Feature	Specification
Brand	Alienware
Model Number	AW15R3-7001SLV-PUS
Screen Size	15.6 Inches
Screen Resolution	1920 x 1080 pixels (Full HD)
Processor	Intel Core i7-7700HQ (3.8 GHz Max)
RAM	16 GB DDR4 (2400 MHz)
Hard Drive	1000 GB HDD (7200 RPM, Serial ATA)
Graphics Coprocessor	NVIDIA GTX 1060 (Dedicated)
Operating System	Windows 10

Feature	Specification
Wireless Type	802.11ac
Number of USB 2.0 Ports	1
Item Weight	5.7 pounds
Product Dimensions	12 x 15.31 x 1 inches
Color	Epic Silver
Batteries	1 Lithium Ion battery required (included)

## 8. WARRANTY AND SUPPORT

Your Alienware AW15R3-7001SLV-PUS laptop comes with a standard manufacturer's warranty. For detailed information regarding warranty coverage, terms, and conditions, please refer to the 'Warranty, Safety, and Regulatory Information' document included with your product. For technical support, driver downloads, and service requests, visit the official Alienware support website or contact their customer service department.

