Alienware AWM15-7830SLV-PUS

Alienware M15 Gaming Laptop User Manual
Model: AWM15-7830SLV-PUS

Brand: Alienware

INTRODUCTION

This user manual provides comprehensive instructions for the setup, operation, maintenance, and troubleshooting of your Alienware M15 Gaming Laptop. Please read this manual thoroughly to ensure optimal performance and longevity of your device. For additional support, refer to the official Alienware support resources.

PRODUCT OVERVIEW

Key Features

- 8th Generation Intel Core i7-8750H (6-Core, 9MB Cache, up to 4.1GHz w/ Turbo Boost)
- 15.6" FHD (1920 x 1080) 60Hz Anti-glare IPS, 300-nits 72% Color gamut, narrow-border Display
- 16GB, 2x8GB, DDR4, 2666MHz RAM
- 128GB PCIe M.2 SSD + 1TB (+8GB SSHD) Hybrid Drive
- Nvidia GeForce GTX 1060 with 6GB GDDR5 Graphics Card
- Windows 10 Home Operating System

Physical Components

Figure 1: Front view of the Alienware M15 laptop, showcasing the display with the Alienware logo.

Figure 2: Top-down view of the open Alienware M15 laptop, highlighting the keyboard layout and touchpad.

Figure 3: Left side view of the Alienware M15 laptop, showing various ports such as USB 3.0.

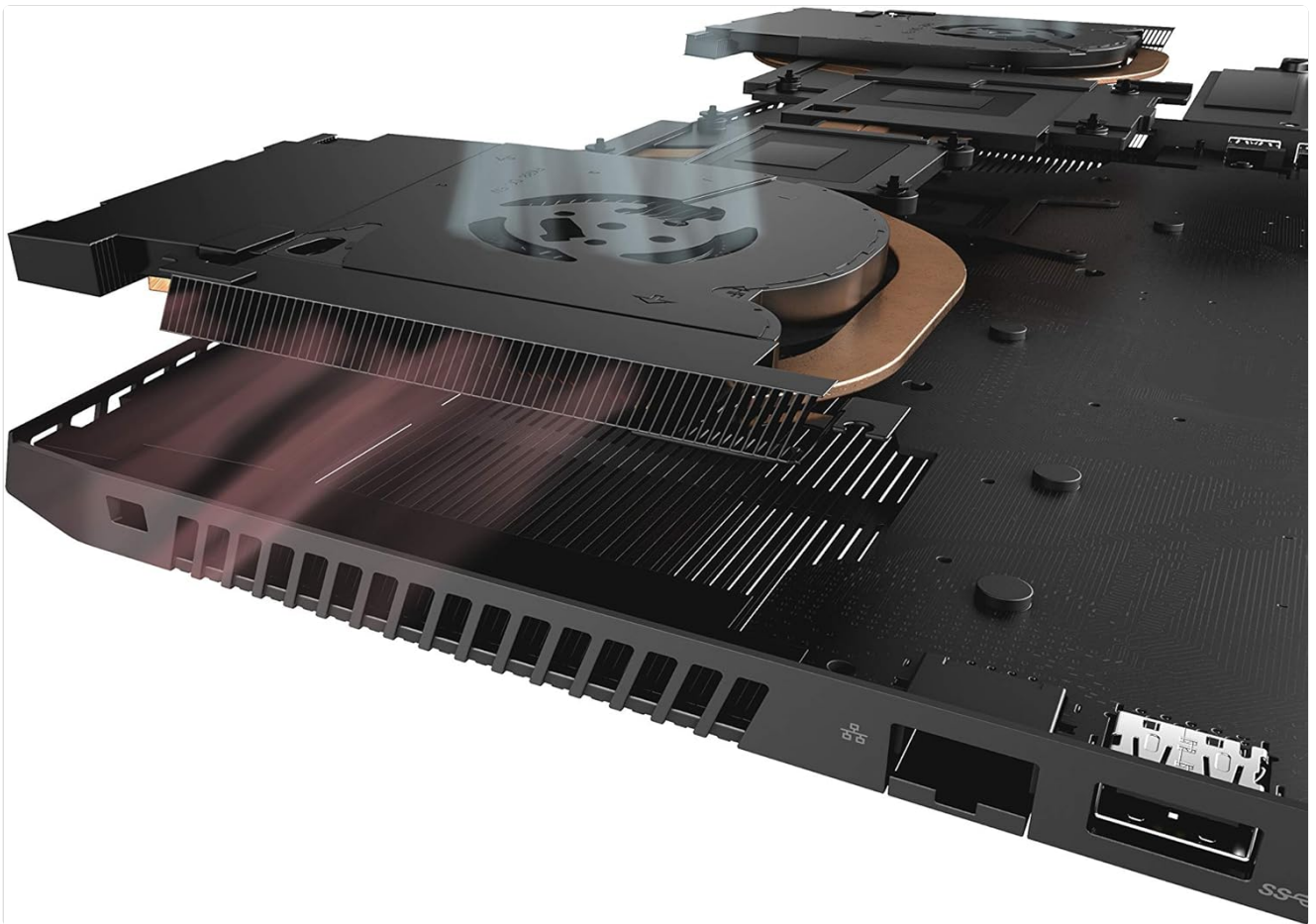**Figure 4:** Right side view of the Alienware M15 laptop, displaying additional ports and ventilation.

Figure 5: Exploded view illustrating the internal cooling system of the Alienware M15 laptop, including fans and heat sinks.

SETUP

Unpacking

Carefully remove all components from the packaging. Ensure the following items are present:

- Alienware M15 Gaming Laptop
- Power Cord
- 180W Power Adapter

Initial Power-On

1. Connect the power adapter to the laptop's power input port.
2. Plug the power cord into a wall outlet.
3. Open the laptop lid and press the power button, typically located on the top right of the keyboard deck or a dedicated button on the chassis.
4. Follow the on-screen instructions to complete the Windows 10 Home setup process, including language selection, network connection, and user account creation.

OPERATING INSTRUCTIONS

Basic Operation

Your Alienware M15 laptop runs on Windows 10 Home. Familiarize yourself with the operating system's interface. The keyboard features customizable backlighting via Alienware's software. The touchpad supports multi-touch

gestures for navigation.

Gaming Performance

The Alienware M15 is designed for high-performance gaming. For optimal gaming experience, ensure the laptop is connected to the power adapter. This allows the system to utilize its full power capabilities for the CPU and GPU. While gaming, the laptop may generate significant heat; this is normal for high-performance hardware. Consider using a cooling pad for extended gaming sessions to enhance thermal management.

MAINTENANCE

Cleaning

- **Screen:** Use a soft, lint-free cloth slightly dampened with water or a screen cleaner. Avoid harsh chemicals.
- **Keyboard and Chassis:** Use a soft brush or compressed air to remove dust from keys and vents. Wipe surfaces with a microfiber cloth.
- **Ports:** Use compressed air to clear dust from USB, HDMI, and other ports.

Software Updates

Regularly update your Windows operating system, graphics drivers (NVIDIA GeForce), and Alienware software. Updates often include performance improvements, security patches, and bug fixes. Access Windows updates through Settings > Update & Security. Graphics drivers can be updated via the NVIDIA GeForce Experience application.

Battery Care

To maximize battery lifespan, avoid consistently discharging the battery completely. For prolonged use while plugged in, consider using battery management features (if available in Alienware Command Center) to limit charging to 80-90% capacity.

TROUBLESHOOTING

This section addresses common issues you might encounter with your Alienware M15 laptop.

Problem	Possible Cause / Solution
Laptop gets excessively hot during use.	High-performance components generate heat. Ensure ventilation vents are clear. Use a cooling pad. Update graphics drivers.
"No media present" error or SSD/HDD not detected.	This can sometimes be a temporary software glitch. Try restarting the laptop. If persistent, ensure the power cable is securely connected and try a hard reboot (unplug power, hold power button for 15 seconds, then reconnect and power on). If the issue persists, contact support.
Wi-Fi connection drops frequently.	Ensure Wi-Fi drivers are up to date. Check for interference from other devices. Restart your router and the laptop. If the issue persists, consider reinstalling Wi-Fi drivers or contacting support.

Problem	Possible Cause / Solution
System performance is slow or lagging.	Ensure the laptop is plugged into power for full performance. Close unnecessary background applications. Check for malware. Ensure sufficient free space on the SSD/HDD.

SPECIFICATIONS

Detailed technical specifications for the Alienware M15 Gaming Laptop (Model: AWM15-7830SLV-PUS).

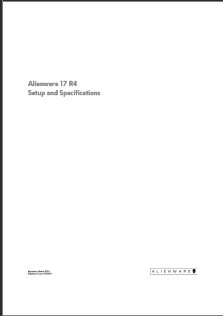| Feature	Detail
Standing screen display size	15.6 Inches
Screen Resolution	1920 x 1080 pixels
Max Screen Resolution	1920x1080 Pixels
Processor	4.1 GHz core_i7_8750h
RAM	16 GB DDR4
Memory Speed	2666 MHz
Hard Drive	1000 GB 128GB PCIe M.2 SSD + 1TB (+8GB SSHD) Hybrid Drive
Graphics Coprocessor	NVIDIA GeForce GTX 1060
Chipset Brand	NVIDIA
Card Description	Dedicated
Graphics Card Ram Size	6 GB
Wireless Type	802.11a/b/g/n
Number of USB 3.0 Ports	3
Brand	Alienware
Series	AWm15-7830SLV-PUS
Item model number	AWM15-7830SLV-PUS
Operating System	Windows 10 Home
Item Weight	4.8 pounds
Product Dimensions	10.8 x 14.3 x 0.8 inches
Color	Black
Processor Brand	Intel
Number of Processors	6
Computer Memory Type	DDR4 SDRAM

| Feature	Detail
Flash Memory Size	16
Hard Drive Interface	Solid State
Hard Drive Rotational Speed	5400 RPM
Optical Drive Type	No Optical Drive
Voltage	240 Volts
Batteries	1 Lithium Metal batteries required. (included)
Date First Available	January 5, 2019
Model Name	AWm15-7830SLV-PUS
Screen Size	15.6 Inches
Hard Disk Size	1000 GB
CPU Model	Core i7 8750H
Ram Memory Installed Size	16 GB
Special Feature	Anti Glare Coating

WARRANTY AND SUPPORT

For detailed warranty information, please refer to the documentation included with your purchase or visit the official Alienware support website. For technical assistance, driver downloads, and further resources, please visit the Alienware support portal.

An official User Manual (PDF) is also available for download:Download User Manual PDF

Related Documents

[Alienware 17 R4 Setup and Specifications Guide](#)
This guide provides setup instructions and detailed specifications for the Alienware 17 R4 laptop, including information on VR headset compatibility, ports, system components, and environmental considerations.

Alienware 17 R4 Setup and Specifications	[Alienware 17 R4 Laptop: Setup and Specifications Guide](#) Comprehensive setup guide and detailed specifications for the Alienware 17 R4 laptop, covering hardware features, ports, performance, and environmental considerations.
Alienware m15 R4 Setup and Specifications	[Alienware m15 R4 Setup and Specifications](#) Detailed setup and specifications for the Alienware m15 R4 laptop, covering dimensions, processor, chipset, memory, ports, storage, display, GPU, and operating environment. Includes setup instructions and troubleshooting resources.
Alienware m15 R3 Setup and Specifications	[Alienware m15 R3 Setup and Specifications Guide](#) Comprehensive setup and specifications guide for the Alienware m15 R3 gaming laptop, detailing its features, ports, performance, and environmental specifications.