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› Acer ALG Gaming Laptop (AL15G-53) User Manual

Acer AL15G-53

Acer ALG Gaming Laptop User Manual

Model: AL15G-53

1. INTRODUCTION

This manual provides essential information for setting up, operating, maintaining, and troubleshooting your Acer ALG Gaming Laptop. Please read this manual thoroughly to ensure proper use and to maximize the performance and lifespan of your device.



Figure 1.1: Acer ALG Gaming Laptop

2. PACKAGE CONTENTS

Verify that all items listed below are present in your product packaging:

- Acer ALG Gaming Laptop (1N)
- Power Cord (1N)
- Power Adapter (1N)
- User Manual (1N)

3. GETTING STARTED (SETUP)

3.1 Unpacking and Initial Placement

Carefully remove the laptop and all accessories from the packaging. Place the laptop on a stable, flat surface with adequate ventilation around it.

3.2 Connecting the Power Adapter

1. Connect the power cord to the power adapter.
2. Plug the power adapter into the power input port on the side of your laptop.
3. Plug the other end of the power cord into a grounded electrical outlet.

It is recommended to fully charge the laptop before its first use.

3.3 Initial Boot-up and Windows 11 Setup

1. Open the laptop lid.
2. Press the power button, typically located on the keyboard deck.
3. Follow the on-screen instructions to complete the Windows 11 Home setup process. This includes selecting your region, language, connecting to a Wi-Fi network, and creating a user account.

4. LAPTOP OVERVIEW

Familiarize yourself with the key components and ports of your Acer ALG Gaming Laptop.

4.1 External Components

Defeat the Heat with Advanced Cooling

Dual fan, dual intake and quad exhaust cooling



Figure 4.1: Port Options for Connectivity

- **Display:** 15.6-inch Full HD (1920 x 1080) 144Hz panel.
- **Webcam:** 1.0M HD Video camera located above the display.
- **Keyboard:** Multi-color illuminated full-size keyboard with numeric pad.
- **Touchpad:** Multi-touch enabled touchpad.
- **Ports:** Includes USB 2.0 Type-A, USB 3.2 Type-A, USB 3.2 Type-C, HDMI, Mini DisplayPort, microSD card reader, RJ-45 (Ethernet), Headset/Speaker Jack, Microphone Jack.
- **Speakers:** Two built-in stereo speakers.
- **Microphones:** Two built-in microphones.

More Immersive Visuals with IPS Technology



Figure 4.2: Multi-color Backlit Keyboard

5. OPERATING YOUR LAPTOP

5.1 Power On/Off and Sleep Mode

- **Power On:** Press the power button.
- **Shut Down:** Click the Start button, then Power > Shut down.
- **Sleep Mode:** Close the lid or click the Start button, then Power > Sleep.

5.2 Keyboard and Touchpad Usage

- **Keyboard:** Utilize the full-size keyboard for typing. The multi-color backlighting can be adjusted via system settings or dedicated function keys (refer to your laptop's specific key combinations).
- **Touchpad:** The multi-touch touchpad supports various gestures for navigation, scrolling, and zooming. Refer to Windows 11 touchpad settings for customization.

5.3 Display and Audio

- **Display:** The 15.6-inch FHD 144Hz display provides a smooth visual experience. Adjust brightness and display settings through Windows display options.
- **Audio:** The laptop features two built-in stereo speakers. Adjust volume using the function keys or Windows sound settings. For enhanced audio, connect external headphones or speakers to the headset/speaker jack.

5.4 Connectivity

- **Wi-Fi:** Connect to wireless networks using the integrated Intel Wi-Fi 6 AX201. Access Wi-Fi settings via the Windows taskbar network icon.
- **Bluetooth:** Pair Bluetooth 5.1 compatible devices such as mice, keyboards, or headphones through Windows Bluetooth settings.
- **USB Ports:** Use the various USB ports (Type-A and Type-C) to connect peripherals like external drives, mice, and keyboards.
- **HDMI/Mini DisplayPort:** Connect external monitors or projectors using the HDMI or Mini DisplayPort for extended display options.

6. PERFORMANCE FEATURES

The Acer ALG Gaming Laptop is equipped with components designed for demanding tasks and gaming.

- **Processor:** Intel Core i7-13620H processor (13th Gen) for high-performance computing.
- **Graphics:** NVIDIA GeForce RTX 3050 with 6GB GDDR6 dedicated graphics memory for rendering and gaming.
- **Memory:** 16GB DDR4 SODIMM RAM, expandable up to 64GB.
- **Storage:** 512GB NVME SSD for fast boot times and application loading.
- **Cooling System:** Features a dual-fan, dual-intake, and quad-exhaust cooling design to manage heat during intensive use.

Multi-colour Backlit Keyboard

To match your gaming vibe



Figure 6.1: Advanced Cooling System

Destroy Your Opponents with a High Refresh Rate



Figure 6.2: High Refresh Rate Display

7. MAINTENANCE

7.1 Cleaning Your Laptop

- **Screen:** Use a soft, lint-free cloth lightly dampened with water or a screen cleaner. Avoid harsh chemicals.
- **Keyboard and Chassis:** Use a soft cloth to wipe surfaces. Compressed air can be used to remove dust from between keys and ventilation grilles. Ensure the laptop is powered off before cleaning.

7.2 Software Updates

Regularly update your operating system and drivers to ensure optimal performance and security. Windows Update can be accessed via Settings > Windows Update. Check the Acer support website for the latest driver updates for your specific model.

7.3 Battery Care

- Avoid fully discharging the battery frequently.

- Store the laptop in a cool, dry place if not used for extended periods.
- If the laptop is primarily used while plugged in, consider using battery health management features (if available in Acer software) to limit charging to 80-90% to prolong battery lifespan.

8. TROUBLESHOOTING

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

8.1 Power Issues

- **Laptop does not turn on:** Ensure the power adapter is securely connected to both the laptop and a working electrical outlet. Check if the power adapter's indicator light is on. Try a different outlet.
- **Battery not charging:** Verify the power adapter connection. Check for any damage to the power cord or adapter.

8.2 Display Problems

- **No image on screen:** Connect an external monitor to check if the issue is with the laptop's display. Ensure the display brightness is not set to minimum.
- **Flickering or distorted image:** Update your graphics drivers. Adjust display refresh rate in Windows settings.

8.3 Audio Problems

- **No sound:** Check volume levels in Windows and ensure speakers are not muted. Verify that the correct audio output device is selected. Update audio drivers.
- **Low sound quality:** Ensure drivers are updated. Test with external headphones to determine if the issue is with the internal speakers or audio processing.

8.4 Touchpad Issues

- **Touchpad unresponsive:** Ensure the touchpad is not disabled (check function keys, e.g., Fn + F7). Update touchpad drivers.
- **Loose or noisy touchpad:** If the touchpad feels loose or makes excessive noise when pressed, contact Acer support for assistance. This may indicate a hardware issue.

8.5 Performance Issues

- **Slow performance:** Close unnecessary applications. Check for background processes consuming high CPU/RAM. Ensure sufficient free space on the SSD.
- **Overheating:** Ensure ventilation grilles are clear of obstructions. Use the laptop on a hard, flat surface. Consider cleaning dust from cooling vents.

9. SPECIFICATIONS

Detailed technical specifications for the Acer ALG Gaming Laptop (AL15G-53).



Figure 9.1: Key Features Overview

Feature	Specification
Brand	Acer
Model Name	ALG (AL15G-53)
Processor	Intel Core i7-13620H (13th Gen), 2.4 GHz base, up to 4.9 GHz max boost, 10 cores
Graphics Card	NVIDIA GeForce RTX 3050 with 6GB GDDR6 Dedicated Graphics
RAM Memory	16GB DDR4 SODIMM (expandable up to 64GB)
Storage	512GB NVME SSD
Operating System	Windows 11 Home
Display	15.6-inch FHD (1920 x 1080), 144Hz, 45% NTSC, 16:9 panel
Connectivity	Intel Wi-Fi 6 (802.11a/b/g/n/ac), Bluetooth 5.1, Ethernet
Ports	1x USB 2.0 Type-A, 1x USB 3.2 Type-A, 2x USB 3.2 Type-C, 1x HDMI, Mini DisplayPort, microSD card reader, RJ-45, Headset/Speaker Jack, Microphone Jack
Webcam	1.0M HD Video camera
Keyboard	Multi-color illuminated full-size keyboard with numeric pad
Audio	Two built-in stereo speakers, two built-in microphones
Battery	Lithium Ion, 54 Watt Hours (Approx. 2-3 hours average life)
Weight	1.99 Kilograms
Dimensions (L x W x Thickness)	23.8L x 36W x 2.3Th Centimeters

10. WARRANTY AND SUPPORT

10.1 Warranty Information

Your Acer ALG Gaming Laptop comes with a **1 Year Manufacturer Warranty** from the date of purchase. This warranty covers manufacturing defects under normal use conditions. Please retain your proof of purchase for warranty claims.

10.2 Contacting Support

For technical assistance, warranty claims, or service inquiries, please contact Acer customer support:

- **Manufacturer:** ACER INDIA PRIVATE LIMITED
- **Address:** RS No.38/2, Sedarpet Village, Villanur Commune, Poducherry - 605111.
- **Importer:** ACER INDIA PRIVATE LIMITED, Embassy Heights, 6th Floor, No. 13, Magrath Road, Next to HOSMAT Hospital, Bangalore, INDIA – 560025

Visit the official Acer support website for up-to-date contact information, FAQs, and driver downloads.