

acer AV15-51-7617

Acer Aspire Vero AV15-51-7617 Laptop User Manual

Model: AV15-51-7617 | Brand: Acer

1. INTRODUCTION AND OVERVIEW

The Acer Aspire Vero AV15-51-7617 is a 15.6-inch Full HD laptop designed with sustainability in mind, incorporating Post-Consumer Recycled (PCR) materials. It features an 11th Generation Intel Core i7-1195G7 Processor, Intel Iris Xe Graphics, 16GB DDR4 Memory, and a 512GB NVMe SSD. This laptop runs on Windows 11 Home and includes Wi-Fi 6 connectivity, a backlit keyboard, and an Acer Bio-Protection Fingerprint Solution for enhanced security.

Key features include:

- **Processor:** 11th Gen Intel Core i7-1195G7 (up to 5.0GHz)
- **Display:** 15.6" Full HD (1920 x 1080) Widescreen LED-backlit IPS Display (100% sRGB & 300nit Brightness)
- **Graphics:** Intel Iris Xe Graphics
- **Memory:** 16GB DDR4 RAM
- **Storage:** 512GB NVMe SSD
- **Operating System:** Windows 11 Home
- **Connectivity:** 802.11ax Wi-Fi 6, Bluetooth 5.0, Gigabit Ethernet LAN
- **Ports:** 1x USB 3.2 (Type-C) Gen 1, 2x USB 3.2 Gen 1 (one with Power-off Charging), 1x USB 2.0, 1x HDMI 2.0, 1x Ethernet (RJ-45)
- **Security:** Acer Bio-Protection Fingerprint Solution with Windows Hello Certification
- **Sustainable Design:** Made with PCR materials, paint-free chassis, 50% PCR keycaps, 100% recyclable packaging.



Image: The Acer Aspire Vero AV15-51-7617 laptop, showcasing its sleek design and eco-friendly aesthetic.

2. SETUP

2.1 Unpacking 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. Inspect the laptop for any physical damage.

What's in the Box:

- Notebook
- AC Adapter
- Power Cord
- Acer Vero Protective Sleeve



reddot winner 2021
packaging design



Image: The Acer Aspire Vero laptop and its 100% recyclable packaging, which can be repurposed into a laptop stand.

2.2 Powering On and Initial Configuration

1. Connect the AC adapter to the laptop's power port and then to a power outlet.
2. Open the laptop lid. The laptop may power on automatically, or you may need to press the power button.
3. Follow the on-screen instructions to complete the Windows 11 setup process. This includes selecting your region, language, connecting to a Wi-Fi network, and creating a user account.
4. Register your fingerprint for Windows Hello for secure and convenient login.

Video: An official Acer video demonstrating Windows 11 Cloud File Backup features, useful for initial setup and data management.

Video: An official Acer video highlighting Windows 11 Centralized Universal Search, a feature useful during initial setup and daily use.

3. OPERATING THE LAPTOP

3.1 Keyboard and Touchpad

The laptop features a backlit keyboard for comfortable typing in various lighting conditions. The 'R' and 'E' keys are mirrored, a design choice to emphasize the 'Reduce, Reuse, Recycle' message. The touchpad supports multi-gesture input for intuitive navigation.

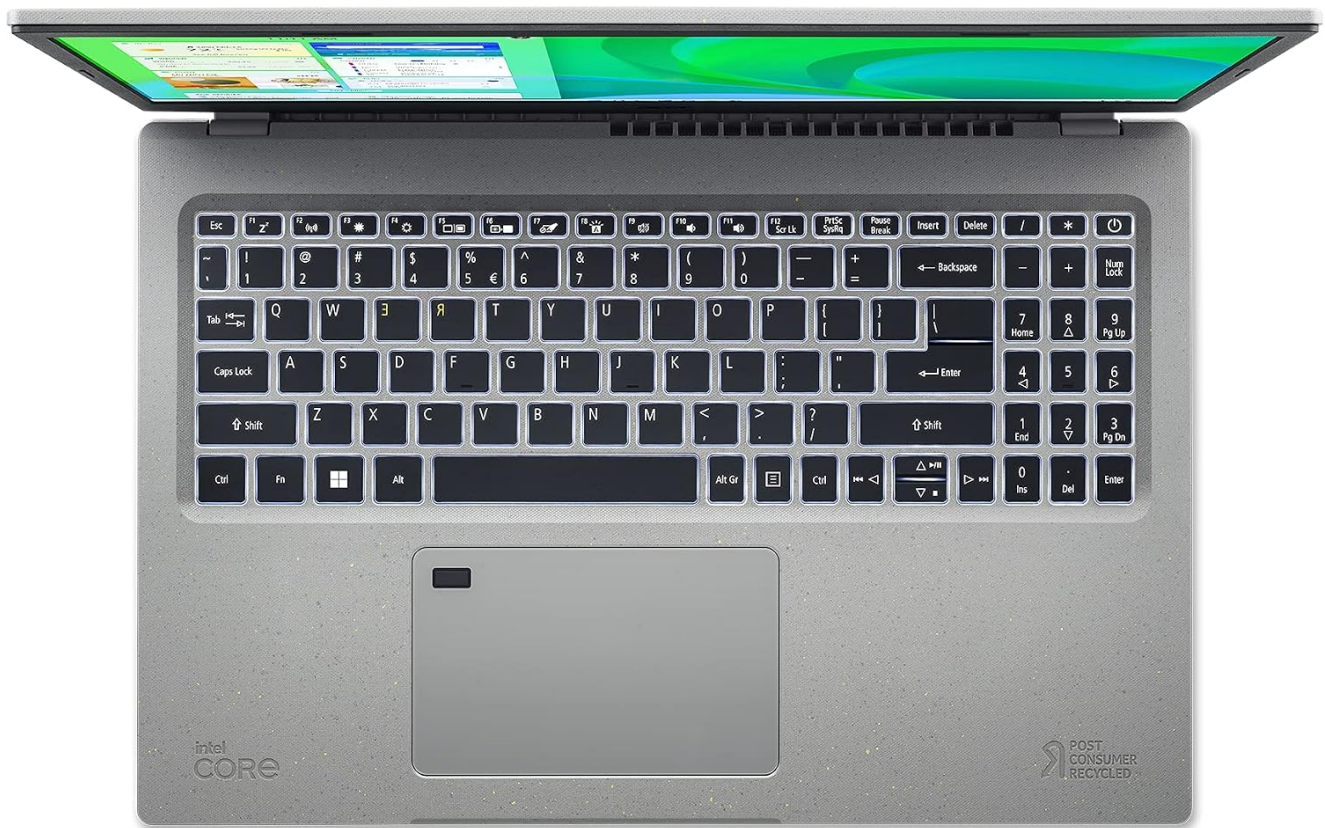


Image: Top-down view of the Acer Aspire Vero keyboard, showing the backlit keys and the unique mirrored 'R' and 'E' keys.

3.2 Ports and Connectivity

The Acer Aspire Vero offers a variety of ports for connecting peripherals and external displays:

- **Left Side:** Ethernet (RJ-45), HDMI 2.0, 2x USB 3.2 Gen 1 (one with Power-off Charging), 1x USB 3.2 (Type-C) Gen 1
- **Right Side:** 1x USB 2.0, Audio Jack, Kensington Lock Slot

For wireless connectivity, the laptop supports 802.11ax Wi-Fi 6 and Bluetooth 5.0.



Image: Left side view of the Acer Aspire Vero laptop, highlighting the Ethernet, HDMI, USB 3.2, and USB-C ports.



Image: Right side view of the Acer Aspire Vero laptop, showing the USB 2.0 port and audio jack.

3.3 VeroSense Software

VeroSense is Acer's built-in software designed to help users manage power consumption and extend battery life. It offers four performance modes:

- **Performance Mode:** Optimized for the best overall performance.
- **Balanced Mode:** Automatically balances energy-saving and performance.
- **Eco Mode:** Reduces system performance to improve power efficiency and battery life.
- **Eco+ Mode:** Extreme battery saving with critical functions disabled.

VeroSense™



VeroSense™ is Acer's built-in software to further the goals of eco-minded users, such as energy-saving to extend battery life. The application provides users with four performance modes to choose from: **Performance**, **Balanced**, **Eco**, and **Eco+**. VeroSense™ is not only eco-friendly, but it's user-friendly too, with easy-to-use UI and helpful info to show you're doing your bit for planet Earth.

- **Performance Mode:** Optimized for the best overall performance.
- **Balanced Mode:** Automatically balances energy-saving and performance
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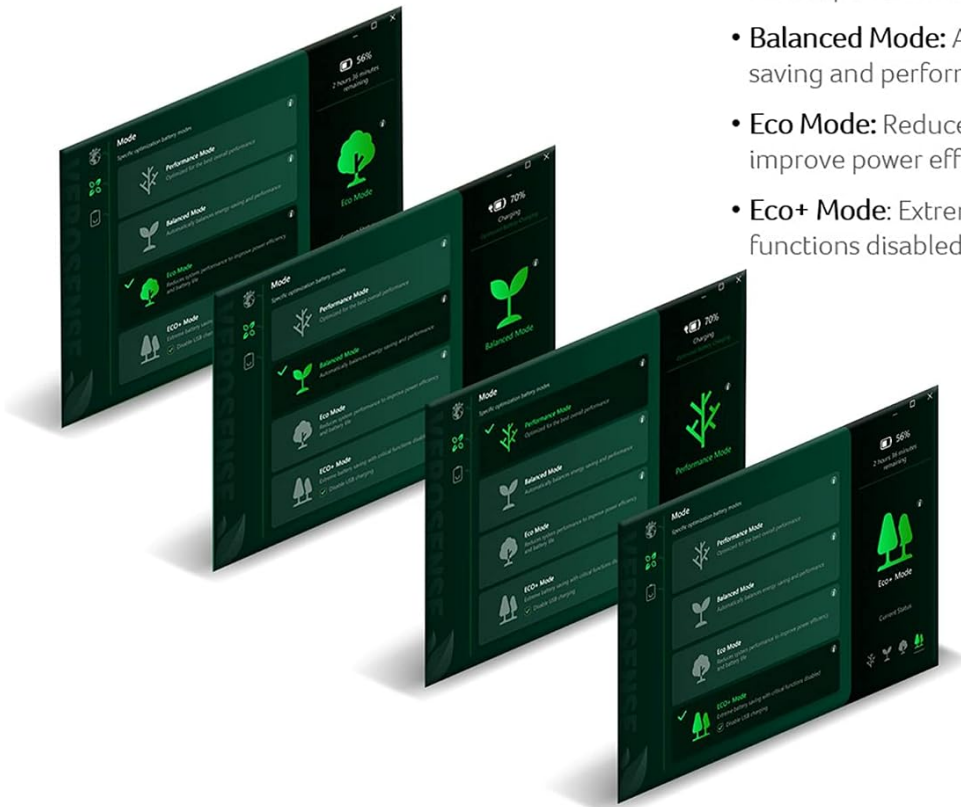


Image: Screenshot of the Acer VeroSense software interface, displaying the different power optimization modes.

4. MAINTENANCE

4.1 General Care and Cleaning

- Keep the laptop in a clean, dry environment.
- Clean the screen with a soft, lint-free cloth specifically designed for electronics.
- Use a soft brush or compressed air to clean dust from the keyboard and vents.
- Avoid exposing the laptop to extreme temperatures or direct sunlight.

4.2 Software Updates

Regularly update your Windows 11 operating system and drivers to ensure optimal performance and security. Windows Update will typically notify you when updates are available.

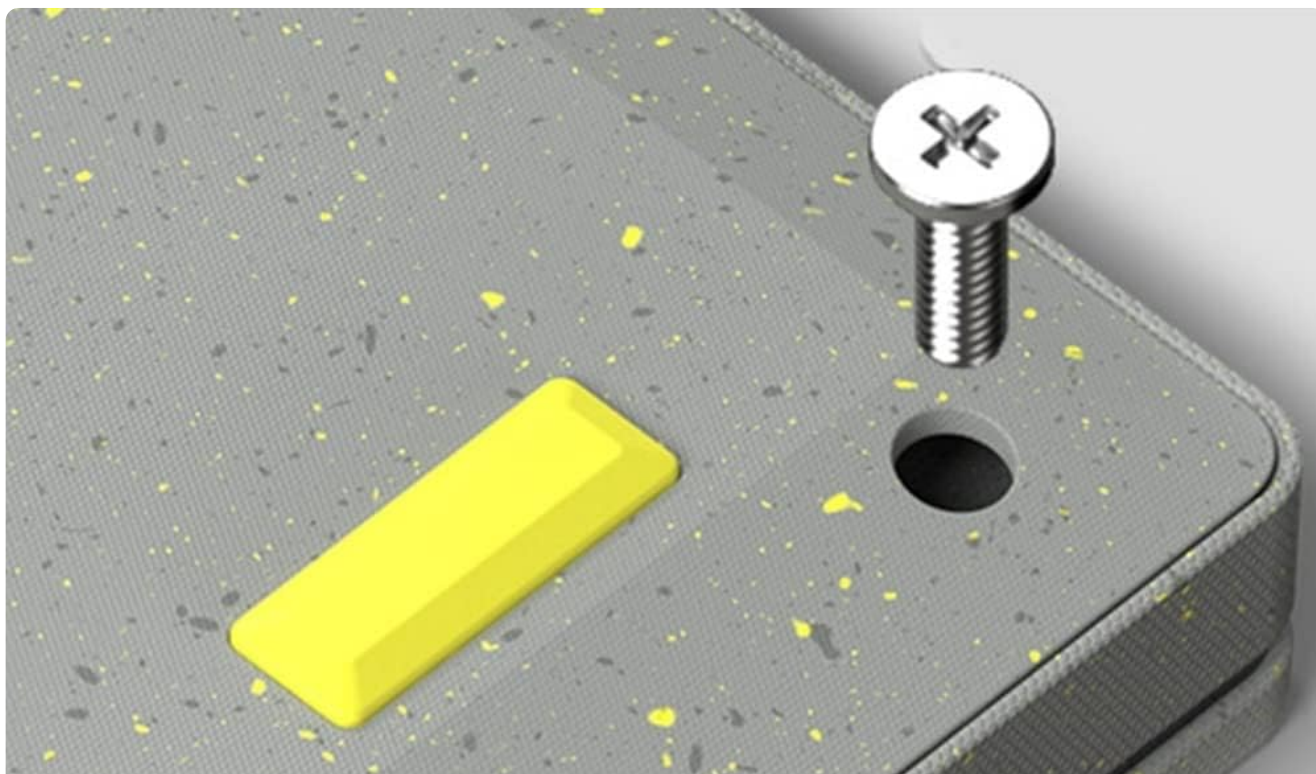
4.3 Battery Management

To prolong battery life, utilize the VeroSense power management modes. Avoid fully discharging the battery

frequently. For long-term storage, charge the battery to about 50-60% and store the laptop in a cool, dry place.

4.4 Upgradability

The Acer Aspire Vero is designed for easy upgrades, featuring standardized screws that simplify disassembly for repairs or component replacement. This design promotes longevity and reduces electronic waste.



Upgradable Laptop

Standardized screws make disassembling easier, perfect for quick repairs, upgrades, and recycling.

Image: Close-up view of the Acer Aspire Vero's bottom panel, showing standardized screws for easy access and upgrades.

Video: An official Acer product video showcasing the Acer Aspire Vero's design, including its upgradability and sustainable features.

5. TROUBLESHOOTING

This section provides solutions to common issues you might encounter with your Acer Aspire Vero laptop.

5.1 Power Issues

- **Laptop not turning on:** Ensure the AC adapter is securely connected and the battery has sufficient charge. Try pressing and holding the power button for 10-15 seconds.

- **Battery not charging:** Check the AC adapter and power cable for damage. Ensure the power outlet is functional.

5.2 Display Problems

- **Blank screen:** Connect an external monitor to check if the display is the issue. Try adjusting screen brightness using function keys.
- **Flickering screen:** Update your graphics drivers. Adjust the display refresh rate in Windows settings.

5.3 Connectivity Issues

- **Wi-Fi not connecting:** Ensure Wi-Fi is enabled. Restart your router and modem. Update Wi-Fi drivers.
- **Bluetooth device not pairing:** Ensure Bluetooth is enabled on both devices. Check device compatibility and try re-pairing.

5.4 Performance Issues

- **Slow performance:** Close unnecessary applications. Check for malware. Ensure sufficient free storage space. Adjust power mode to 'Performance' in VeroSense.
- **Overheating:** Ensure vents are clear of obstructions. Use the laptop on a hard, flat surface. Consider using a cooling pad.

6. SPECIFICATIONS

Feature	Specification
Brand	Acer
Model Name	AV15-51-7617
Screen Size	15.6 Inches
Color	Gray
CPU Model	Core i7-1195G7
RAM Memory Installed Size	16 GB DDR4
Hard Disk Size	512 GB NVMe SSD
Operating System	Windows 11 Home
Graphics Coprocessor	Intel Iris Xe Graphics
Special Feature	Backlit Keyboard, Fingerprint Recognition
Connectivity Technology	Bluetooth 5.0, HDMI, Wi-Fi 6 (802.11ax)
Item Weight	1.8 Kilograms (3.97 lbs)
Battery Life	Up to 7 Hours
Model Year	2021
UPC	195133109987

7. WARRANTY AND SUPPORT

7.1 Warranty Information

The Acer Aspire Vero AV15-51-7617 comes with a **One-year International Travelers Limited Warranty (ITW)**. Please refer to the warranty card included with your product for full terms and conditions.

7.2 Customer Support

For technical assistance, product registration, or service inquiries, please visit the official Acer support website or contact their customer service. Keep your product's serial number and proof of purchase handy when contacting support.

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