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HP 15-eh2085cl

HP Pavilion 15.6-inch Touchscreen Laptop 15-eh2085cl User Manual

Model: 15-eh2085cl

1. INTRODUCTION

Welcome to the user manual for your new HP Pavilion 15.6-inch Touchscreen Laptop, model 15-eh2085cl. This guide provides essential information to help you set up, operate, maintain, and troubleshoot your device. Please read this manual thoroughly to ensure optimal performance and longevity of your laptop.

2. PRODUCT OVERVIEW

The HP Pavilion 15.6-inch Touchscreen Laptop 15-eh2085cl is a versatile notebook designed for various computing needs. It features an AMD Ryzen 7 5825U processor, 16GB of RAM, and a 512GB SSD for responsive performance. The 15.6-inch Full HD (1920 x 1080) IPS touchscreen display offers vibrant visuals and intuitive interaction, complemented by 360-degree hinges for flexible usage modes. Integrated AMD Radeon graphics and B&O Audio with dual speakers enhance the multimedia experience. The laptop runs on Windows 11 Home and includes essential connectivity options like Wi-Fi 6 and Bluetooth 5.2.



Figure 2.1: Front view of the HP Pavilion 15.6-inch Touchscreen Laptop displaying the Windows 11 desktop.



Figure 2.2: Back view of the HP Pavilion 15.6-inch Touchscreen Laptop, highlighting the HP logo.

3. WHAT'S IN THE BOX

Upon unboxing your HP Pavilion laptop, ensure all the following items are present:

- HP Pavilion 15.6-inch Touchscreen Laptop
- AC Adapter
- Battery (may be pre-installed)
- User Manual (this document)

4. SETUP

4.1 Initial Power-On and Charging

1. **Connect the AC Adapter:** Plug the AC adapter into the laptop's power port and then into a wall outlet.
2. **Charge the Battery:** Allow the laptop to charge for at least 30 minutes before initial use, or until the battery indicator shows a sufficient charge.
3. **Power On:** Open the laptop lid and press the power button, usually located on the keyboard deck or side.

4.2 Windows 11 Setup

Follow the on-screen instructions to complete the Windows 11 setup process. This typically includes:

- Selecting your region and keyboard layout.
- Connecting to a Wi-Fi network.
- Signing in with or creating a Microsoft account.
- Setting up a PIN or password.
- Reviewing privacy settings.

5. OPERATING YOUR LAPTOP

5.1 Using the Touchscreen

Your HP Pavilion features a responsive touchscreen. You can interact with Windows 11 and applications directly on the display using gestures similar to a tablet or smartphone:

- **Tap:** Single tap to select an item or open an application.
- **Double-tap:** Double tap to open files or folders.
- **Swipe:** Drag your finger across the screen to scroll or navigate.
- **Pinch-to-zoom:** Use two fingers to zoom in or out on images and web pages.

5.2 Keyboard and Touchpad

The full-size backlit keyboard includes a numeric keypad for efficient data entry. The touchpad supports multi-touch gestures for navigation and control.

- **Backlit Keyboard:** Press the **Fn + F4** (or similar function key, check keyboard icons) to toggle the keyboard backlight.
- **Touchpad Gestures:** Refer to Windows 11 settings for customizable touchpad gestures (e.g., two-finger scroll, three-finger swipe for task view).

5.3 Using Ports and Connectors

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

- **USB Type-C (SuperSpeed):** Connect compatible USB-C devices, power adapters, or DisplayPort 1.4

monitors. Supports HP Sleep and Charge.

- **USB Type-A (SuperSpeed):** Connect standard USB devices like mice, keyboards, or external drives.
- **HDMI 2.1:** Connect to external displays or TVs for video and audio output.
- **Headphone/Microphone Combo Jack:** Connect headphones, external speakers, or a headset with a microphone.

6. MAINTENANCE

6.1 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, dry cloth. For stubborn dirt, a slightly damp cloth with mild soap can be used, ensuring no liquid enters openings.
- **Ports:** Use compressed air to gently clear dust from ports.

6.2 Battery Care

- Avoid fully discharging the battery frequently.
- Store the laptop in a cool, dry place if not used for extended periods.
- Use only the original HP AC adapter.

6.3 Software Updates

Regularly check for and install Windows updates and HP driver updates to ensure optimal performance and security. You can find Windows updates in the Settings app and HP updates via the HP Support Assistant application.

7. TROUBLESHOOTING

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

7.1 Laptop Does Not Power On

- Ensure the AC adapter is securely connected to both the laptop and a working power outlet.
- Verify the power outlet is functional by plugging in another device.
- If the battery is completely drained, allow it to charge for some time before attempting to power on.

7.2 Screen is Blank or Flickering

- Try adjusting the screen brightness using the keyboard function keys (e.g., **Fn + F2/F3**).
- Connect an external monitor via the HDMI port to check if the issue is with the laptop's display or graphics output.
- Restart the laptop.

7.3 Wi-Fi or Bluetooth Connectivity Issues

- Ensure Wi-Fi and Bluetooth are enabled in Windows settings.
- Restart your router/modem for Wi-Fi issues.
- Update network drivers through HP Support Assistant or Windows Update.
- For Bluetooth, ensure the device you are trying to connect is in pairing mode and within range.

7.4 Slow Performance

- Close unnecessary applications running in the background.

- Check for and install any pending Windows updates.
- Run a disk cleanup and defragmentation (for HDD, not necessary for SSD).
- Scan for malware or viruses.
- Ensure adequate ventilation to prevent overheating.

8. SPECIFICATIONS

Feature	Detail
Brand	HP
Model Name	HP Pavilion
Model Number	15-eh2085cl
Processor	AMD Ryzen 7 5825U (8 Cores, 2 GHz base, up to 4.5 GHz boost)
RAM	16 GB DDR4-3200MHz
Storage	512 GB PCIe NVMe M.2 SSD
Operating System	Windows 11 Home (64-bit)
Graphics	Integrated AMD Radeon Graphics
Display	15.6-inch IPS Micro-Edge BrightView FHD (1920 x 1080) Touch Panel, 250 nits
Audio	B&O Audio with Dual Speakers
Webcam	HP Wide Vision 720p HD web camera with integrated dual-matrix digital microphones
Wireless Connectivity	Intel Wi-Fi 6 (2x2/160) Gig+ and Bluetooth 5.2
Ports	1 SuperSpeed USB Type-C (USB Power Delivery, DisplayPort 1.4, HP Sleep and Charge), 2 SuperSpeed USB Type-A, 1 HDMI 2.1, 1 Headphone/Microphone Combo Jack
Battery	3-cell, 41 WHr Lithium-Ion
Dimensions (L x W x Thickness)	15"L x 13"W x 3"Th (approximate)
Weight	5.3 Pounds

9. WARRANTY AND SUPPORT

9.1 Product Warranty

Your HP Pavilion laptop comes with a limited warranty. For detailed information regarding warranty terms, conditions, and duration, please refer to the warranty documentation included with your product or visit the official HP support website. Keep your proof of purchase for warranty claims.

9.2 Technical Support

For technical assistance, driver downloads, or further troubleshooting, please visit the official HP Support website. You can also use the pre-installed HP Support Assistant application on your laptop for diagnostics and support

resources.

- **HP Support Website:** support.hp.com
- **HP Support Assistant:** Pre-installed application on your laptop.