HP 15-CX0058WM

HP Pavilion 15-CX0058WM Gaming Laptop User Manual

Model: 15-CX0058WM

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1. INTRODUCTION

This manual provides essential information for the safe and efficient use of your HP Pavilion 15-CX0058WM Gaming Laptop. Please read these instructions carefully before operating your device. This laptop is designed for demanding tasks such as gaming and digital content creation, featuring an Intel Core i5+8300H processor, NVIDIA GeForce GTX 1050 graphics, 8GB RAM, and a 1TB HDD with 16GB Intel Optane memory.

2. SETUP

2.1 Initial Power-On

1. Connect the AC adapter to the laptop's power port and then to a power outlet.
2. Open the laptop lid.
3. Press the power button, typically located above the keyboard or on the side.
4. Follow the on-screen instructions to complete the Windows 10 initial setup.

2.2 Connecting Peripherals

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

Figure 2: Left side ports including audio jack, Ethernet, HDMI, USB 3.0, and USB-C.

- **Audio Jack:** Connect headphones or external speakers.
- **Ethernet Port:** Connect to a wired network using an RJ-45 cable.
- **HDMI Port:** Connect to an external display or TV.
- **USB 3.0 Ports:** Connect USB devices such as mice, keyboards, or external storage.
- **USB Type-C Port:** For compatible USB-C devices.

Figure 3: Right side ports including two USB 3.0 ports and an SD card reader.

- **SD Card Reader:** Insert an SD card for data transfer.

3. OPERATION

3.1 Keyboard and Touchpad

The laptop features a full-size gaming keyboard and a precision touchpad. The keyboard may include backlighting for use in low-light conditions. Refer to the operating system's settings for touchpad customization.

3.2 Display

Your laptop is equipped with a 15.6-inch Full HD (1920 x 1080) IPS anti-glare micro-edge WLED-backlit display with a 144Hz refresh rate. This high refresh rate is beneficial for smooth gaming and fast-paced visuals.

3.3 Audio

Integrated speakers provide audio output. Adjust volume settings through the operating system or dedicated function keys on the keyboard.

3.4 Performance Modes

The laptop's Intel Core i5+8300H processor and NVIDIA GeForce GTX 1050 GPU are designed for demanding applications. For optimal performance during gaming or intensive tasks, ensure the laptop is connected to the AC adapter and consider adjusting power settings in Windows 10.

4. MAINTENANCE

4.1 Battery Care

The laptop's Lithium-Ion battery provides up to 8 hours and 45 minutes of mixed usage. To prolong battery life, avoid extreme temperatures and fully discharging the battery frequently. For extended periods of storage, charge the battery to approximately 50%.

4.2 Cleaning

- Use a soft, lint-free cloth to clean the screen and exterior surfaces.
- Avoid harsh chemicals or abrasive materials.
- Ensure the laptop is powered off and unplugged before cleaning.

4.3 Cooling System

Maintain proper airflow by keeping the ventilation openings clear. Avoid operating the laptop on soft surfaces that may block the vents. Regular cleaning of dust from vents can help maintain optimal cooling performance.

Figure 4: Rear view with ventilation grilles.

5. TROUBLESHOOTING

5.1 Common Issues

- **No Power:** Ensure the AC adapter is securely connected and the power outlet is functional. Try a different outlet.
- **Display Problems:** If the screen is black or discolored, try connecting an external monitor to verify if the issue is with the laptop's display. Restarting the laptop or putting it to sleep and waking it up may resolve temporary display glitches.
- **Wi-Fi Connectivity Issues:** Check if Wi-Fi is enabled in Windows settings. Restart your router and the laptop. Update network drivers if necessary.
- **Overheating:** Ensure ventilation openings are not blocked. Reduce system load by closing unnecessary applications.

For more complex issues, refer to the HP support website or contact customer service.

6. SPECIFICATIONS

Feature	Detail
Model Name	HP Pavilion 15-CX0058WM
Processor	Intel Core i5+8300H (Quad-Core, 2.3GHz up to 4.0GHz)
Graphics	NVIDIA GeForce GTX 1050 (4 GB GDDR5 dedicated)
Display	15.6-inch FHD IPS anti-glare (1920 x 1080) with 144Hz refresh rate
RAM	8 GB DDR4-2666 SDRAM + 16GB Intel Optane Memory

Feature	Detail
Storage	1 TB 5400 RPM SATA hard drive
Operating System	Windows 10 Home
Battery Life	Up to 8 hours 45 minutes (mixed usage)
Connectivity	Wi-Fi (802.11a/b/g/n/ac), Bluetooth 5.0, Ethernet
Ports	HDMI, USB 3.0 (x3), USB Type-C, Ethernet, Audio Jack, SD Card Reader
Weight	2160 Grams

7. WARRANTY AND SUPPORT

Your HP Pavilion 15-CX0058WM Gaming Laptop comes with a Full Warranty. For detailed warranty terms and conditions, please refer to the documentation included with your product or visit the official HP support website. For technical assistance, driver downloads, or troubleshooting guides, please visit HP Support or contact HP customer service directly.