

HP 17.3" Laptop (Model 17) User Manual

Model: 17 | Brand: HP

1. INTRODUCTION

This manual provides essential information for setting up, operating, maintaining, and troubleshooting your HP 17.3" Laptop. Please read this manual thoroughly to ensure proper use and to maximize the lifespan of your device. This laptop is equipped with an Intel Core i5-1135G7 Processor, 32GB DDR4 RAM, and a 1TB PCIe SSD, running Windows 11 Home.



Figure 1.1: Front view of the HP 17.3" Laptop, showcasing its full HD display and keyboard.

2. SAFETY INFORMATION

Observe the following safety precautions to prevent damage to your laptop or personal injury:

- Do not expose the laptop to extreme temperatures, direct sunlight, or high humidity.
- Avoid placing heavy objects on the laptop.
- Use only the power adapter supplied with your laptop.
- Keep liquids away from the laptop to prevent electrical shock or damage.
- Do not attempt to disassemble or repair the laptop yourself. Refer to qualified service personnel.

3. INITIAL SETUP

3.1 Unpacking and Inspection

Carefully remove all components from the packaging. Verify that all items are present and undamaged. The package should contain the laptop, power adapter, and this user manual.

3.2 Connecting Power

1. Connect the AC adapter to the power connector on the laptop.
2. Plug the power cord into an electrical outlet.
3. Allow the battery to charge for at least 30 minutes before initial use.



Figure 3.1: Right side ports including the AC Smart pin for power connection.

3.3 Initial Boot and Windows Setup

Press the power button to turn on the laptop. Follow the on-screen instructions to complete the Windows 11 Home setup, including language selection, network connection, and user account creation.

4. OPERATING YOUR LAPTOP

4.1 Key Features

- **Display:** 17.3-inch diagonal, FHD (1920 x 1080), IPS, anti-glare, 250 nits, 45% NTSC.
- **Processor:** Intel Core i5-1135G7 (4 Cores, 8 Threads, up to 4.20 GHz).
- **Memory:** 32GB DDR4 RAM for efficient multitasking.
- **Storage:** 1TB PCIe NVMe M.2 Solid State Drive for fast boot-up and data access.
- **Operating System:** Windows 11 Home.
- **Webcam:** HP True Vision 720p HD camera with dual array digital microphones.
- **Audio:** Stereo speakers.
- **Connectivity:** Wi-Fi (802.11ac) and Bluetooth.



Figure 4.1: Laptop features including HD webcam, Full HD display, and Wi-Fi connectivity.

4.2 Ports and Connectors

Your laptop includes various ports for connecting external devices:

- 2 x SuperSpeed USB Type-A
- 1 x SuperSpeed USB Type-C
- 1 x HDMI 1.4b
- 1 x Headphone/microphone combo
- 1 x AC Smart pin (for power)



Figure 4.2: Left side ports of the HP laptop.



Figure 4.3: Right side ports of the HP laptop.

4.3 Using the Webcam and Microphone

The integrated HP True Vision 720p HD camera and dual array digital microphones are ready for video calls and online meetings. Ensure your privacy settings in Windows 11 allow applications to access the camera and

microphone.

4.4 Wireless Connectivity

Your laptop supports Wi-Fi (802.11ac) and Bluetooth for wireless connections. To connect to a Wi-Fi network, click the network icon in the taskbar and select your desired network. For Bluetooth devices, go to Windows Settings > Bluetooth & devices to pair.

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Video 4.1: An overview of the HP Essential 17 Touchscreen i7 Laptop from PCOnline, demonstrating its features and design. While this video mentions an i7 processor and touchscreen, the general design and features shown are relevant to the HP 17.3" laptop series.

5. MAINTENANCE

5.1 Cleaning Your Laptop

- Use a soft, lint-free cloth dampened with water or a screen cleaner to clean the display.
- For the keyboard and chassis, use a soft cloth. Avoid harsh chemicals.
- Regularly clean dust from vents to ensure proper airflow and prevent overheating.

5.2 Battery Care

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

5.3 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 Settings > Windows Update.

6. TROUBLESHOOTING

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

6.1 Power Issues

- **Laptop does not turn on:** Ensure the power adapter is securely connected and the outlet is functional. Try holding the power button for 15 seconds to perform a hard reset.
- **Battery not charging:** Verify the power adapter connection. Check for any damage to the adapter or charging port.

6.2 Display Problems

- **Blank screen:** Connect an external monitor to check if the issue is with the laptop's display. Restart the laptop.
- **Flickering screen:** Update your graphics drivers. Adjust display refresh rate in Windows settings.

6.3 Performance Issues

- **Slow performance:** Close unnecessary applications. Check Task Manager for resource-intensive processes. Ensure sufficient free space on the SSD.
- **Overheating:** Ensure vents are clear of obstructions. Use the laptop on a hard, flat surface.

6.4 Connectivity Problems

- **Wi-Fi not connecting:** Restart your router and modem. Ensure Wi-Fi is enabled on the laptop. Update wireless drivers.
- **Bluetooth device not pairing:** Ensure the Bluetooth device is in pairing mode. Check Bluetooth settings on the laptop.

7. SPECIFICATIONS

Feature	Specification
Brand	HP
Model Name	NOTEBOOK (Model 17)
Screen Size	17.3 Inches
Screen Resolution	1920 x 1080 Pixels (FHD)
Processor	Intel Core i5-1135G7 (2.4 GHz, up to 4.2 GHz)
RAM	32 GB DDR4
Hard Drive	1 TB PCIe NVMe M.2 SSD
Graphics Coprocessor	Intel Iris Xe Graphics
Operating System	Windows 11 Home
Wireless Type	802.11ab (Wi-Fi), Bluetooth
USB Ports	2 x SuperSpeed USB Type-A, 1 x SuperSpeed USB Type-C
HDMI Port	1 x HDMI 1.4b
Audio Port	1 x Headphone/microphone combo
Webcam	HP True Vision 720p HD camera
Item Weight	4.62 pounds
Product Dimensions	15.78 x 10.15 x 0.78 inches
Color	Silver
Batteries	1 Lithium Ion battery (included)

8. WARRANTY AND SUPPORT

For warranty information, please refer to the warranty card included with your product or visit the official HP support website. HP provides various support resources, including drivers, software updates, and troubleshooting guides.

HP Support Website: support.hp.com

For further assistance, contact HP customer support.

