

[Manuals.plus](#) /

› [HP](#) /

› HP OmniBook Touchscreen Laptop User Manual - Intel Ultra 7 255H - 16-inch OLED 120Hz

HP HP OmniBook

HP OmniBook Touchscreen Laptop User Manual

Model: HP OmniBook | Brand: HP

1. PRODUCT OVERVIEW

The HP OmniBook is a high-performance touchscreen laptop designed for productivity and creative tasks. It features a 16-inch OLED display with a 120Hz refresh rate, powered by an Intel Core Ultra 7 255H processor. This model includes 32GB of RAM and a 1TB PCIe SSD, running on Windows 11 Pro with pre-installed Microsoft Office 365 Personal (1-Year subscription).



The HP OmniBook Touchscreen Laptop, featuring a 16-inch OLED display, Intel Core Ultra 7 processor, and Windows 11 Pro, shown with an external mouse and Microsoft Office 365 packaging.

2. GETTING STARTED: SETUP

2.1 Unpacking

Carefully remove the laptop and all accessories from the packaging. Ensure all components listed in the packing slip are present, including the laptop, power adapter, and any bundled accessories.

2.2 Initial Power On

1. Connect the power adapter to the laptop's charging 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, typically located on the keyboard deck or side.

2.3 Operating System Setup

Upon first boot, you will be guided through the Windows 11 Pro setup process. Follow the on-screen instructions to configure language, region, network connection, user accounts, and privacy settings. An internet connection is required for initial setup and activation.

3. OPERATING YOUR HP OMNIBOOK LAPTOP

3.1 Touchscreen Functionality

The 16-inch OLED display supports multi-touch gestures, allowing for intuitive interaction with the operating system and

applications. Use gestures such as tap, swipe, pinch-to-zoom, and two-finger scroll directly on the screen.



A hand interacting with the touchscreen display of the HP OmniBook laptop, demonstrating its touch capabilities.

3.2 Keyboard and Touchpad

The laptop features a full-size, backlit keyboard for comfortable typing in various lighting conditions. The multi-touch gesture touchpad provides precise cursor control and supports various gestures for navigation and interaction.

Kickstart your creativity and productivity with Copilot in Windows¹



Copilot in Windows complements your capabilities with intelligent assistance and relevant answers.

¹Requires Windows 11 and compatible processor with an NPU. Availability and features vary by market and device. Requires Microsoft account to log in. Where Copilot in Windows is not available, the Copilot key will lead to Windows Search.

An overhead view of the HP OmniBook laptop highlighting the backlit keyboard, multi-touch gesture touchpad, and integrated camera.

3.3 Connecting Peripherals (Ports)

The HP OmniBook is equipped with a variety of ports for connecting external devices:

- **1x Thunderbolt 4 USB Type-C (Power Delivery & DisplayPort):** For high-speed data transfer, video output, and charging.
- **1x USB Type-A (HP Sleep and Charge):** Allows charging of external devices even when the laptop is off or in sleep mode.
- **1x USB Type-A:** Standard USB port for peripherals.
- **1x HDMI 2.1:** For connecting to external displays or projectors.
- **1x Headphone/Microphone Combination Jack:** For audio input and output.
- **1x USB Type-C:** Additional USB-C port for connectivity.

Easy Multitasking

Seamlessly navigate through multiple tabs and applications with ease. Best companion for your efficient lifestyle.



Diagram illustrating the various ports on the HP OmniBook laptop, including USB Type-A, USB Type-C, Thunderbolt 4, HDMI 2.1, and headphone/microphone combo jack.

3.4 Display Settings

The 16-inch 2K OLED display offers a 120Hz refresh rate and HDR 500 nits brightness. You can adjust display settings such as resolution, refresh rate, and color profiles through Windows Display Settings. The display is Eyesafe® certified for low blue light emission.

Intel Core Ultra 7 Processor 255H

24M Cache, up to 5.10 GHz

16
Cores

16
Threads

24MB
Cache

The HP OmniBook laptop displaying vibrant colors on its 16-inch 2K OLED 120Hz display, emphasizing its visual quality and Eyesafe certification.

3.5 Using Copilot in Windows

The HP OmniBook includes a dedicated Copilot key, providing instant access to AI-powered assistance within Windows 11. Press the Copilot key to launch the Copilot interface and utilize its features for smarter workflows and task management.

Multi-purpose Laptop

Lightening fast Wi-Fi 6. Crystal-clear 5MP Camera, Windows Hello sensor for safe log-in, backlit keyboard for accurate typing, and multi-touch gesture touchpad for intuitive controls.



The HP OmniBook laptop screen showing the Copilot interface in Windows, with a dedicated Copilot key highlighted.

3.6 Audio Features

The laptop features audio by Bang & Olufsen with dual speakers, providing enhanced sound quality. Adjust audio settings through the Windows Sound settings or the HP Audio Control application.

4. MAINTENANCE AND CARE

4.1 Cleaning the 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 can be used. Ensure no liquid enters openings.

4.2 Battery Management

To optimize battery life, avoid extreme temperatures and fully discharging the battery frequently. For long-term storage, charge the battery to approximately 50% and store the laptop in a cool, dry place.

4.3 Software Updates

Regularly check for and install Windows updates and driver updates from HP's official support website to ensure optimal performance and security.

4.4 Storage Management

Periodically review and delete unnecessary files to maintain sufficient free space on the 1TB PCIe SSD. Utilize cloud storage or external drives for large files to prevent performance degradation.

5. TROUBLESHOOTING

5.1 Common Issues and Solutions

- **No Power:** Ensure the power adapter is securely connected to both the laptop and a functional power outlet. Try a different outlet.
- **Display Issues:** If the screen is blank or flickering, try connecting an external monitor to verify if the issue is with the laptop's display. Update graphics drivers.
- **Wi-Fi Connectivity Problems:** Verify Wi-Fi is enabled in Windows settings. Restart your router and the laptop. Update network drivers from HP's support site.
- **Touchscreen Unresponsive:** Restart the laptop. Check for any pending Windows updates or touchscreen driver updates.
- **Slow Performance:** Close unnecessary applications running in the background. Check Task Manager for resource-intensive processes. Ensure sufficient free space on the SSD. Run a malware scan.

5.2 Restoring System Defaults

If persistent issues occur, Windows 11 Pro offers recovery options to reset your PC while keeping your files, or to perform a clean reinstallation. Access these options via **Settings > System > Recovery**.

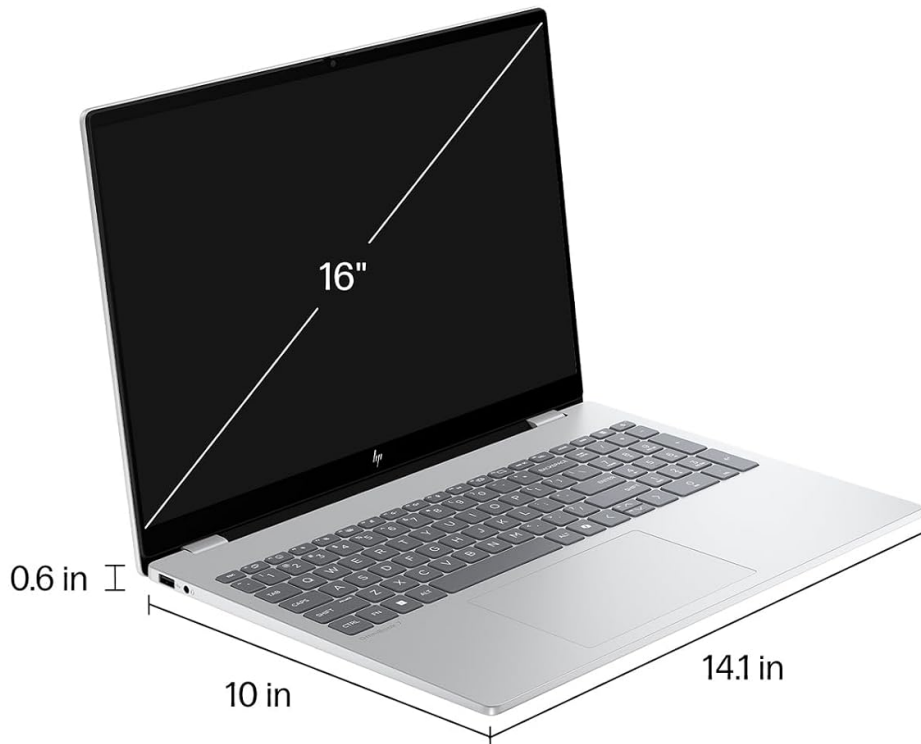
6. SPECIFICATIONS

Key technical specifications for the HP OmniBook Touchscreen Laptop:

Operating System	Windows 11 Pro
Processor	Intel Core Ultra 7 255H (16-Core, up to 5.10 GHz)
Graphics	Intel Arc Graphics
Display	16-inch diagonal, 2K (2048 x 1280) OLED, 120 Hz, 0.2ms response time, HDR 500 nits, Eyesafe® Certified
RAM	32GB LPDDR5
Storage	1TB PCIe SSD
Wireless Technology	Intel Wi-Fi 7 + Bluetooth
Keyboard	Full-size, backlit, moonstone grey with numeric keypad
Audio	Audio by Bang & Olufsen with dual speakers
Camera	HP True Vision 5MP IR camera with camera shutter, temporal noise reduction
Battery	4-Cell 71Wh Li-Ion Battery, up to 11.5 hours run time
Ports	1x Thunderbolt 4 USB Type-C, 2x USB Type-A, 1x HDMI 2.1, 1x Headphone/Mic Combo, 1x USB Type-C
Dimensions (LxWxH)	14.09 x 10.03 x 0.59 inches
Weight	4.23 lbs

Sleek & Durable

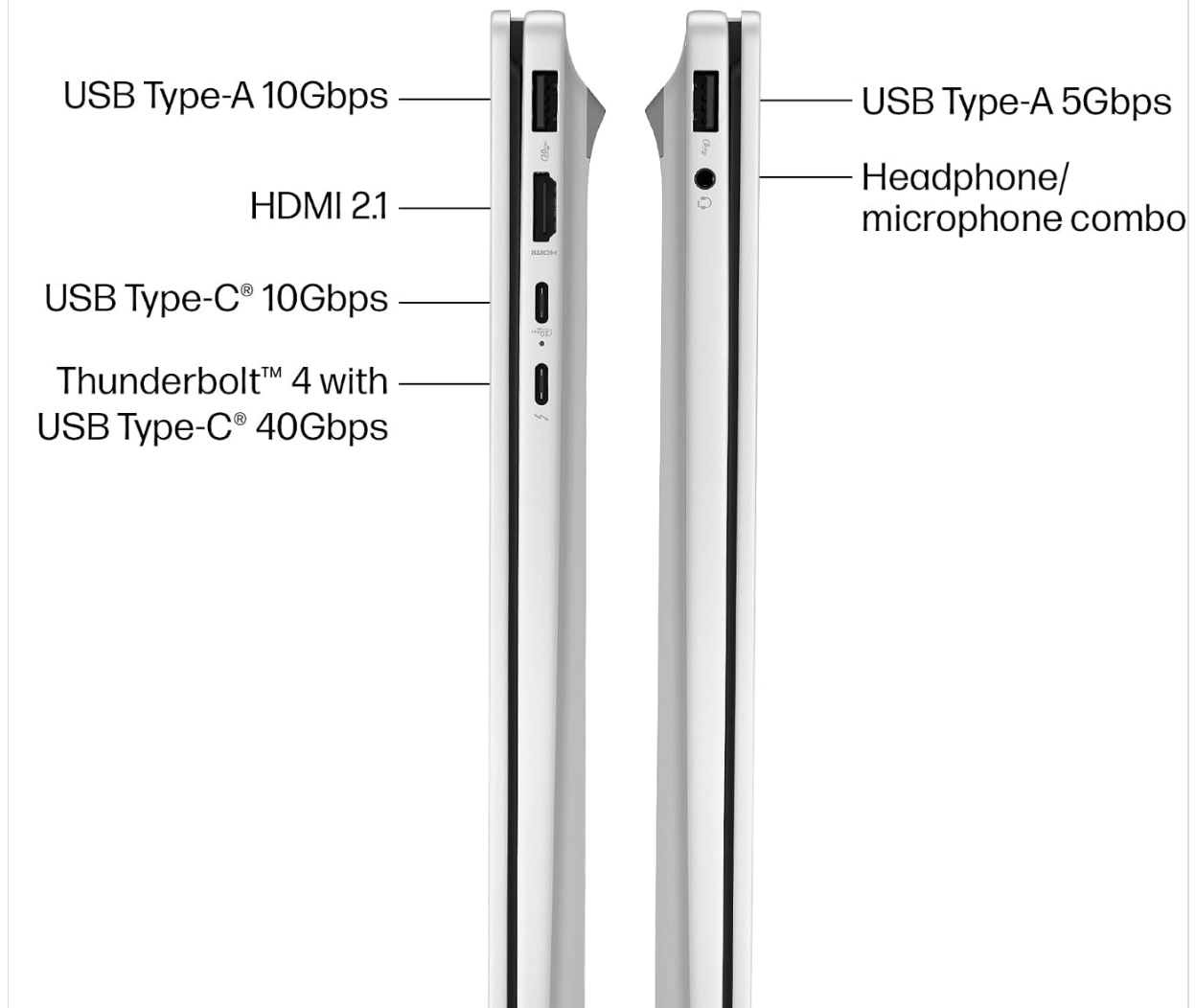
Streamlined, metal design delivers a thinner, lighter PC with greater durability.



Weight: 4.3 lb

The HP OmniBook laptop viewed from an angle, illustrating its sleek design, 16-inch screen size, and physical dimensions (14.1 x 10 x 0.6 inches) and weight (4.3 lbs).

Ports



A detailed graphic showcasing the Intel Core Ultra 7 255H processor, highlighting its 16 Cores, 16 Threads, and 24MB Cache.

7. WARRANTY AND SUPPORT

7.1 Product Warranty

This HP OmniBook laptop comes with a standard manufacturer's warranty. Additionally, a 1-year standard warranty is provided on the upgraded SSD component. Please refer to the warranty card included with your product for full terms and conditions.

7.2 Technical Support

For technical assistance, troubleshooting, or warranty claims, please contact HP Customer Support. You can find contact information and additional resources on the official HP support website: support.hp.com.

