

HP OmniBook 3 16 inch Laptop Next Gen AI PC

Key Experiences and Product Specs



Experience smartphone-like responsiveness on your laptop with the HP OmniBook 3 16" Next Gen AI PC. Built to last, it offers up to multi-day battery life, AI-optimized performance, stunning visuals on an optional 2K OLED display⁵, and all the ports you need to stay connected and get more done, wherever the day takes you.

Key Product Experiences

- **Incredible battery life that goes for days:**
- Experience consistent performance with a Snapdragon[®] X Processor² that keeps up with every task, whether plugged in or on battery. Built-in AI intelligently optimizes your workflows like summarizing documents, drafting emails, and managing your schedule. Enjoy multi-day battery that lets you go from morning emails to evening streaming without reaching for a charger. Stay light on the move with the optional ultra-compact HP USB Type-C[®] GaN Mini Wall Charger.
- **Stunning visuals on a 16" display:** Experience stunning entertainment and productivity on a 16" 16:10, optional 2K OLED display⁵. With deep blacks, rich colors, and ultra-sharp contrast, every detail pops. Whether you're streaming, editing, or multitasking, the taller 16:10 aspect ratio gives you more vertical screen space to scroll less and see more, making multitasking feel effortless.
- **Made for modern multitasking:** Work smarter with a larger clickpad featuring gesture control, effortless multi-screen productivity, and all the ports you need. Capture clear video with an optional FHD IR camera⁸ and AI noise reduction. Built to handle everyday use, our laptops undergo HP Trusted Quality testing to deliver reliable performance that keeps up with you, day in and day out.

Product Specs:

Operating System	Windows 11 Home ¹ Windows 11 Pro
Processor(s)	Snapdragon® X X1-26-100 (up to 2.97 GHz, 8 cores) ² Qualcomm® Hexagon™ NPU (45 NPU TOPS) ³
Graphics	Qualcomm® Adreno™ GPU
Memory	32 GB LPDDR5x-8448 MT/s (onboard) 16 GB LPDDR5x-8448 MT/s (onboard)
Internal Storage	1 TB PCIe® Gen4 NVMe™ M.2 SSD ⁴ 512 GB PCIe® Gen4 NVMe™ M.2 SSD ⁴ 256 GB PCIe® Gen4 NVMe™ M.2 SSD ⁴ 256 GB PCIe® NVMe™ M.2 SSD ⁴
Display	16:10 Aspect Ratio 40.6 cm (16") diagonal, 2K (1920x1200), OLED, TBC ms response time, UWVA, micro-edge, BrightView, Low Blue Light, 300 nits, 100% DCI-P3, TUV for Low Blue Light, HP Eye Ease ^{5 6} 40.6 cm (16") diagonal, 2K (1920 x 1200), touch, IPS, micro-edge, anti-glare, 300 nits, 62.5% sRGB ⁵ 40.6 cm (16") diagonal, 2K (1920 x 1200), IPS, micro-edge, anti-glare, 300 nits, 62.5% sRGB ⁵
Screen-To-Body Ratio	88% ⁷
Webcam	1080p FHD IR camera with HDR auto switch, temporal noise reduction and integrated dual array digital microphones ⁸
Audio	HP Audio Boost, Dual speakers
Input/Connectivity	2 USB Type-C® 10Gbps signaling rate (USB Power Delivery 3.1, DisplayPort™ 1.4, HP Sleep and Charge) ^{9 10} 2 USB Type-A 5Gbps signaling rate ¹⁰ 1 headphone/microphone combo 1 HDMI 2.1
Wireless technology	Qualcomm® FastConnect™ 6900 Wi-Fi 6E (2x2) and Bluetooth® 5.3 wireless card ^{11 12}
Power Requirements	65 W USB Type-C® GaN power adapter Support Fast Charge 4-cell, 68 Wh Li-ion polymer ¹³
Weight and Dimensions	Wgt: 3.65 lbs ¹⁴ Dim: 14.12 x 9.91 x 0.60 in ^{14 15}
Color	Nouvelle Silver, Glacier silver, Mica silver, Starlit blue, Warm gold
Special features	Camera Privacy Shutter Mic mute key Copilot key ¹⁶ Trusted Platform Module (Firmware TPM) support
Sustainable Impact Specifications	Includes recycled metal ¹⁷ Includes post-consumer recycled plastic ¹⁸

	Outer box 100% sustainably sourced, recyclable ¹⁹ ENERGY STAR® certified ²⁰ EPEAT® Silver with Climate+ ²¹
Productivity and Tools	• Microsoft Copilot+ PC experiences²² • Effortless multitasking, seamless control ○ Screen Shift ○ Task Group ○ Gesture control on clickpad • Productive, clear video calls ○ Windows Studio Effects²³ ○ HDR auto switch ○ AI Noise Reduction

Disclaimers:

¹ Win Home *Not all features are available in all editions or versions of Windows. Systems may require upgraded and/or separately purchased hardware, drivers, software or BIOS update to take full advantage of Windows functionality. Windows is automatically updated, and enabled. High speed internet and Microsoft account required. ISP fees may apply and additional requirements may apply over time for updates. See <http://www.windows.com>.

² Multi-core is designed to improve performance of certain software products. Not all customers or software applications will necessarily benefit from use of this technology. Performance and clock frequency will vary depending on application workload and your hardware and software configurations. Qualcomm's numbering is not a measurement of clock speed.

³ Features and software that require a NPU may require software purchase, subscription or enablement by a software or platform provider, and third-party software may have specific configuration or compatibility requirements. Potential NPU inferencing performance varies by use, configuration, software and other factors.

⁴ GB = 1 billion bytes. TB = 1 trillion bytes. Actual formatted capacity is less. Up to 35GB of system disk is reserved for system recovery software.

⁵ All performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower.

⁶ TUV Low Blue Light is the Display Compliance Test Specification quality. See <https://www.certipedia.com/?locale=en#search> for more details.

⁷ Percent of active plus nonactive viewing area to active viewing area plus border. Measure with lid vertical to the desk.

⁸ Camera resolution refers to the image sensor active pixels. The actual image capture pixels and aspect ratio depend on the app selected.

⁹ For best results with HP Sleep and Charge, use a USB charging protocol standard cable or cable adapter with an external device.

¹⁰ Actual throughput may vary.

¹¹ Wi-Fi 6E requires a Wi-Fi 6E router, sold separately, to function in the 6GHz band. Availability of public wireless access points limited. Wi-Fi 6E is backwards compatible with prior 802.11 specs. And available in countries where 6GHz is supported.

¹² Bluetooth® 5.3 operation requires Microsoft OS/Chrome OS support. Until Microsoft OS/Chrome OS support is available, Bluetooth® 5.3 will function as Bluetooth® 5.2 or lower.

¹³ Actual battery Watt-hours (Wh) will vary from design capacity. Battery capacity will naturally decrease with shelf life, time, usage, environment, temperature, system configuration, loaded apps, features, power management settings and other factors.

¹⁴ Weight and dimension vary by configuration.

¹⁵ Front height measurement is near the front edge where the chassis bottom cover taper begins. Back height measurement is near the back edge where the chassis bottom cover taper ends, excluding transition area to rubber feet and hinge cap. Front height is measured at 0.44 in, rear height is measured at 0.60 in, and maximum height is measured at 0.74 in.

¹⁶ Copilot key feature availability varies by market, see aka.ms/keysupport. Copilot is NOT available in China, Russia, Belarus, and embargoed regions Cuba, Iran, North Korea, Crimea.

¹⁷ Laptops manufactured with recycled metal material in product cover. Percentage of recycled metal varies by product.

¹⁸ Keyboard components contain post-consumer recycled plastic. Percentage of post consumer recycled contained in each component varies by product.

¹⁹ 100% outer box packaging made from sustainably sourced certified and recycled fibers. Fiber cushions made from 100% recycled wood fiber and organic materials. Excludes plastic bags and plastic foam sheeting.

²⁰ ENERGY STAR and the ENERGY STAR mark are registered trademarks owned by the U.S. Environmental Protection Agency.

²¹ Based on U.S. EPEAT® registration according to IEEE 1680.1-2018 EPEAT®. EPEAT® status varies by country. Visit www.epeat.net for more information.

²² Copilot+ PC experiences vary by device and region and may require updates continuing to roll out through 2025; timing varies. See aka.ms/copilotpluspcs

²³ Windows Studio Effects features require Windows 11 OS and a processor equipped with an NPU.