HP OmniBook X Laptop 14-fe1500na

Unleash your potential with the new AI era of PCs

Powered by Snapdragon® X Plus[1], featuring an AI engine with dedicated NPU[2,3] and with all day power, the new OmniBook X AI will take your personalized productivity to the next level. A 5MP camera with Windows Studio Effects[4] and the best collaboration tools will enhance your connections without interruptions.

*Product image may differ from actual product

Unlock your productivity superpowers with AI

The AI engine with a dedicated NPU[2] learns from you and offloads repetitive tasks, leveling up your skills.

Your perfect mix of performance and mobility

Work anywhere with a PC powered by Snapdragon® X Plus[1] and all day power with up to 26 hour[2] battery life.

Collaboration tools for genuine connections

Elevate each call with a 5MP camera, Windows Studio effects[4], 14" display, and Poly Studio audio tuning.

Sustainability in action

Built for a better tomorrow

Contains recycled metals and plastics[5]; EPEAT® Gold with Climate+[6] and ENERGY STAR® certified.

HP OmniBook X Laptop 14-fe1500na

Featuring

Get a fresh perspective
From a rejuvenated Start menu, to new ways to connect to your favorite people, news, games, and content—Windows 11 is the place to think, express, and create in a natural way.[7]

Snapdragon® X Plus 8-core processor
Get into your rhythm with the fast and intelligent Snapdragon® X Plus 8 core processor. Achieve more everyday with responsive performance for seamless multitasking. AI tools enhance productivity and connectivity while enjoying long battery life.[8]

Qualcomm® Adreno™ GPU
Experience high performance graphics and rich user experiences while optimizing power consumption. Elevate your mobile UI, games and advanced graphics applications with fast responsiveness and superior mobile connectivity.[9]

14 inch Eyesafe® Certified Display with a 16:10 aspect ratio
14 inch Eyesafe® Certified Display with a 16:10 aspect ratio for creating and editing content, and intuitive touchscreen technology to control your PC directly.[10]

Copilot in Windows with Copilot key
Copilot in Windows gives you intelligent answers. Access with just the touch of the Copilot key.[11]

HP AI Companion
Get the most out of your AI PC with the new HP AI Companion app. Elevate your everyday tasks with a collection of AI tools and solutions that can increase your productivity and keep you running at your best.[12]

McAfee Online Protection 30-day trial
Secure your device with award winning antivirus and online protection. Free trial includes secure VPN for privacy and data protection when browsing on public Wi-Fi[13]

Keyboard contains post-consumer recycled plastic
We're bringing a more thoughtful design to our keyboards by using post-consumer recycled plastic in the design.[14]

Thoughtful design
HP incorporates increasing amounts of recycled, renewable, and non-virgin raw materials. Because little things make a big difference, this product includes a percentage of recycled metals in the design.[15]

Thoughtful design
HP incorporates increasing amounts of recycled, renewable, and non-virgin raw materials. Built with the environment in mind, this product includes a percentage of ocean-bound plastic in the design.[16]

EPEAT® Gold with Climate+
With EPEAT® Gold with Climate+, you're choosing a movement towards responsibility and climate action.[17]

ENERGY STAR® certified
Save energy and money with ENERGY STAR®, certified by the EPA so you will use less energy and save money where it counts most.[18]

HP Fast Charge
When your laptop is low on power, no one has time to wait hours to recharge. Power down your device and go from 0 to 50% charge in approximately 30 minutes.[19]

Qualcomm™ FastConnect ™ 6900 Wi-Fi 6E Dual Band Simultaneous
Unlock unprecedented wireless performance with Qualcomm Wi-Fi 6E Technology. Harness the power of 6 Ghz spectrum for faster speeds and enhanced connectivity.[20]

Camera Shutter
No more unsightly tape and tacky gum to hide your private moments. Ensure your privacy and security with a visible, physical shutter that turns off your PC's camera when not in use.

5MP IR camera with temporal noise reduction and integrated dual array digital microphones
The high-quality-camera lets you video chat in stunning detail, at up to 2592x1944 resolution.[21]

Poly Studio Audio
HP + Poly together will continuously accelerate innovation across our hybrid solutions, including AI-generated technology. With pitch perfect audio, you'll get the best experience to collaborate anywhere with audio tuned by Poly Studio.

Recommended accessories and services (not included)

HP Universal USB-C Multiport Hub
50H98AA

HP 460 Multi-Device Bluetooth Keyboard
7N7B8AA

3-year pickup and return
UM963E

HP OmniBook X Laptop 14-fe1500na

Specifications

Performance

Operating system
Windows 11 Home

Processor
Snapdragon® X Plus X1P-42-100 (up to 3.4 GHz, 8 cores)
Processor family: Snapdragon® X Plus processor

Chipset
Qualcomm® integrated SoC

Storage
512 GB PCIe® NVMe™ M.2 SSD
25 GB Dropbox storage for 12 months[1]

Graphics
Integrated: Qualcomm® Adreno™ GPU;

Audio
Dual speakers; HP Audio Boost; Poly Studio

Display
35.6 cm (14") diagonal, 2.2K (2240 x 1400), IPS, edge-to-edge glass, micro-edge, Corning® Gorilla® Glass 3, Low Blue Light, 300 nits, 100% sRGB[17,21,28]

Screen-to-body ratio
87.81%[18]

Power
65 W USB Type-C® power adapter;

System coolers

Battery type
3-cell, 59 Wh Li-ion polymer[23]

Battery and Power
Supports battery fast charge: approximately 50% in 30 minutes[5]

Connectivity

Wireless connectivity
Qualcomm® FastConnect™ 6900 Wi-Fi 6E (2x2) Dual Band Simultaneous (DBS) and Bluetooth® 5.3 wireless card [11,12,46]

Ports
1 USB Type-A 10Gbps signaling rate (HP Sleep and Charge); 1 headphone/microphone combo; 1 USB Type-C® 10Gbps signaling rate (USB Power Delivery, DisplayPort™ 1.4a, HP Sleep and Charge); 1 USB Type-C® 40Gbps signaling rate (USB Power Delivery, DisplayPort™ 1.4a, HP Sleep and Charge)[19]

Webcam
5MP IR camera with temporal noise reduction and integrated dual array digital microphones

Sustainability

Ecolabels
EPEAT® Gold with Climate+[27]

Energy star certified
ENERGY STAR® certified

Sustainable impact specifications
Ocean-bound plastic in speaker enclosure(s) and bezel; Keyboard keycaps and scissors contain post-consumer recycled plastic; Recycled metal in cover, keyboard frame, base and keyboard supporting plate[39,40,41]

Design

Product color
Glacier silver
Sandblasted anodized finish

Software

HP apps
myHP; HP AI Companion

Software
Windows Studio Effects; Otter.ai; Copilot in Windows with Copilot key; 1 month trial for new Microsoft 365 customers[24]

Service & support
McAfee Online Protection 30-day trial [2]

Additional information

Part Number
P/N: AP4R2EA #ABU
UPC/EAN code: 198701442622

Weight
1.34 kg;
Packed: 2.44 kg

Dimensions
31.29 x 22.35 x 1.43 cm (front); 31.29 x 22.35 x 1.44 cm (rear);
Packed: 31.5 x 43 x 10 cm

Manufacturer Warranty
1 year (1/1/0) limited warranty includes 1 year of parts and labor. No on-site repair. Terms and conditions vary by country. Certain restrictions and exclusions apply.

Keyboard
Full-size, backlit, soft grey keyboard
HP Imagepad

Security management
Mic mute key; Camera privacy shutter; Trusted Platform Module (Firmware TPM) support

HP OmniBook X Laptop 14-fe1500na

Footnotes

Messaging Footnotes

[1] 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.

[2] 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, and other factors.

[3] Based on HP's internal analysis as of next gen PC's with a 40-60 TOPS NPU as of (current date). Battery life tested by HP using continuous FHD video playback, 1080p (1920x1080) resolution, 200 nits brightness, system audio level as image default, player audio level at 100%, played full-screen from local storage, headphone attached or through speaker (if no audio jack port), wireless on but not connected. Actual battery life will vary depending on configuration and maximum capacity will naturally decrease with time and usage.

[4] Features may require software or other 3rd party applications to provide the described functionality.

[5] Laptops manufactured with recycled ocean-bound plastic material in product speaker enclosures, recycled aluminum material in product cover and post-consumer recycled plastic in keycaps. Percentage of material contained in each component varies by product.

[6] See www.epeat.net for registration status and tier levels by country.

[7] 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.

[8] 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. 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.

[9] 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. 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 10S is automatically updated, which is always enabled. ISP fees may apply and additional requirements may apply over time for updates. See http://www.microsoft.com. Microsoft and Windows are either registered trademarks or trademarks of Microsoft Corporation in the United States and/or other countries.

[10] All performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower. Eyesafe® Display for Low Blue Light is the Display Compliance Test Specification quality. See https://eyesafe.com for more details.

[11] Copilot in Windows requires Windows 11. Some features require an NPU. Timing of feature delivery and availability varies by market and device. Requires Microsoft account to log in. Where Copilot is not available, the Copilot key will lead to the Bing search engine. See http://aka.ms/WindowsAIFeatures

[12] HP AI Companion is available preloaded on select HP next gen AI PCs or is available for download from the Microsoft store and requires a HP next gen AI PC with a NPU supporting 40-60 TOPS and requires Windows 11. Perform requires account set up within 30 days of PC boot or enrollment through the HP AI Companion app. Some features require customer upload of local data. Five (5) library 100MB limit each, supported files may vary and at launch include pdf, .txt., .docx files.

[13] Internet access required and not included. McAfee is pre-installed on your PC and an account is required for activation. Subscription renewal required after trial period. VPN feature is not available in India, China, Syria or North Korea. McAfee is not compatible with Windows 11 in S mode. You'll need to permanently switch out of S mode. There's no charge to switch out of S mode, but you won't be able to turn it back on.

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

[15] Laptops manufactured with recycled metal material in product cover. Percentage of recycled metal varies by product.

[16] Percentage of ocean-bound plastic contained in each component varies by product.

[17] EPEAT® Gold with Climate+ registered where applicable. EPEAT registration varies by country. See www.epeat.net for registration status by country.

[18] ENERGY STAR and the ENERGY STAR logo are registered trademarks of the U.S. Environmental Protection Agency.

[19] Recharges your battery up to 50% within 30 minutes when the system is off (using "shut down" command). Recommended for use with the HP adapter provided with the notebook, not recommended with a smaller capacity battery charger. After charging has reached 50% capacity, charging speed will return to normal speed. Charging time may vary +/-10% due to System tolerance. Available on select HP products. See http://store.hp.com for a full list of product features.

[20] Wireless access point and internet service required and sold separately. Availability of public wireless access points limited. Wi-Fi 6 (802.11ax) is backwards compatible with prior 802.11 specs. The specifications for Wi-Fi 6 are draft and are not final. If the final specifications differ from the draft specifications, it may affect the ability of the notebook to communicate with other Wi-Fi 6 devices. Only available in countries where 802.11ax is supported.

[21] Features may require software or other 3rd party applications to provide the described functionality. Internet service required and not included.

Technical Specifications Footnotes

[1] 25 GB of free Dropbox storage for 12 months from date of registration. For complete details and terms of use, including cancellation policies, visit the Dropbox website at https://www.dropbox.com/help/space/hp-promotion. Internet service required and not included.

[2] Internet access required and not included. McAfee is pre-installed on your PC and an account is required for activation. Subscription renewal required after trial period. VPN feature is not available in India, China, Syria or North Korea. McAfee is not compatible with Windows 11 in S mode. You'll need to permanently switch out of S mode. There's no charge to switch out of S mode, but you don't be able to turn it back on.

[5] Recharges your battery up to 50% within 30 minutes when the system is off (using "shut down" command). Recommended for use with the HP adapter provided with the notebook, not recommended with a smaller capacity battery charger. After charging has reached 50% capacity, charging speed will return to normal speed. Charging time may vary +/-10% due to System tolerance. Available on select HP products. See http://store.hp.com for a full list of product features.

[11] Wi-Fi 6E is designed to support gigabit data rate when transferring files between two devices connected to the same router. Requires a wireless router, sold separately.

[12] 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.

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

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

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

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

[23] 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.

[24] Must activate within 180 days of Windows activation.

[27] 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.

[28] Eyesafe® Display for Low Blue Light is the Display Compliance Test Specification quality. See https://eyesafe.com for more details.

[37] Weight and system dimensions may fluctuate due to configuration and manufacturing variances.

[39] Percentage of ocean-bound plastic contained in each component varies by product.

[40] Laptops manufactured with recycled metal material in product cover. Percentage of recycled metal varies by product.

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

[45] The Flicker-free capability is eliminating screen flickering through integrating DC-dimming LED backlights or LED emissions. OLED panel is functional with DC-DIMMING when above 100nits.

[46] 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.

September 2024