ProductSheet
HP OmniBook X Laptop 14-fe0001ne (A94ZZEA)

Unleash your potential with the new AI era of PCs

Powered by Snapdragon® X Elite[1], featuring an AI engine with dedicated NPU[6] and with up to 26-hour battery life[2], the new OmniBook X AI will take your personalized productivity to the next level. A 5MP camera with Windows Studio Effects[3] and the best collaboration tools will enhance your connections without interruptions.

Unlock your productivity superpowers with AI
The AI engine with a dedicated NPU[6] 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 Elite[1] and up to 26-hour[2] battery life.

Collaboration tools for genuine connections
Elevate each call with a 5MP camera, Windows Studio effects[3], 14" touchscreen, and Poly Studio audio tuning.

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 Elite
Unleash the full potential of your premium laptop with a powerful, intelligent, and power efficient processor for Windows, boosting productivity to new heights with cutting-edge AI capabilities and game-changing performance. [1]
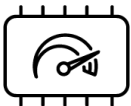
Qualcomm® Adreno™ GPU
Experience high performance graphics and rich user experiences while optimizing power consumption. Elevate your mobile UI, games and advanced graphics applications with fast responsiveness and superior mobile connectivity. [8]

2.2K IPS touchscreen
2240 x 1400 resolution delivers stunning details and lifelike colors. And with touch, you can control your PC right from the screen. [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]

Windows 11

Specifications

Operating system	Windows 11 Home
Product color	Meteor silver aluminum
Processor family	Snapdragon® X Elite processor
Processor	Snapdragon® X Elite X1E-78-100 (up to 3.4 GHz, 12 cores)
Chipset	Qualcomm® integrated SoC
Memory	16 GB LPDDR5x-8448 MT/s (onboard)
Internal Storage	1 TB PCIe® NVMe™ M.2 SSD
Product design	Sandblasted anodized finish
Graphics	Integrated
Graphics (integrated)	Qualcomm® Adreno™ GPU
Display	35.6 cm (14") diagonal, 2.2K (2240 x 1400), multitouch-enabled, IPS, edge-to-edge glass, micro-edge, Corning® Gorilla® Glass NBT™, Low Blue Light, 300 nits, low power, 100% sRGB
Display size (diagonal)	35.6 cm (14")
Audio	Dual speakers; HP Audio Boost; Poly Studio
Dimensions (W x D x H)	31.29 x 22.35 x 1.43 cm (front); 31.29 x 22.35 x 1.44 cm (rear)
Weight	1.34 kg
Keyboard	Full-size, backlit, soft grey keyboard
Pointing device	HP Imagepad
Camera	5MP IR camera with temporal noise reduction and integrated dual array digital microphones
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]
Package dimensions (W x D x H)	31.5 x 43 x 10 cm
Package weight	2.44 kg
Wireless	Qualcomm® FastConnect™ 6900 Wi-Fi 6E (2x2) Dual Band Simultaneous (DBS) and Bluetooth® 5.3 wireless card[11,12,46]
Power supply type	65 W USB Type-C® power adapter
Battery type	3-cell, 59 Wh Li-ion polymer ([23])
Battery recharge time	Supports battery fast charge: approximately 50% in 30 minutes[5]
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
Security management	Mic mute key; Camera privacy shutter; Trusted Platform Module (Firmware TPM) support
Pre-installed software	Windows Studio Effects; Copilot in Windows with Copilot key
Software included	McAfee Online Protection 30-day trial; PC Game Pass 3-month trial
Software - Productivity & finance	1 month trial for new Microsoft 365 customers[24]
Cloud service	25 GB Dropbox storage for 12 months[1]
UPC number	198415894267
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.

Top Recommended Displays, Accessories and Services

No Top Recommended Displays, Accessories and Services

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] 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.

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

[6] 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.

[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. 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.

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

[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. Display measured diagonally

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.

[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.

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

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

[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.