

HP OmniBook 3 Laptop Next Gen AI 16-bz0810ndx (DW4W5EA)



Incredible battery and zero performance drop when unplugged

Power through your day with the HP OmniBook 3 16" Next Gen AI PC. This everyday laptop delivers smartphone-like responsiveness on a 16" display. With zero performance drop when unplugged, AI-optimized performance, and multi-day battery life, it keeps you productive and entertained longer. Multiple ports keep you connected anywhere.



Everyday tasks made effortless with AI

Work and play all day with zero performance drop when unplugged, powered by the Snapdragon® X processor[1].

Crisp visuals on a 16" display

Experience sharp visuals on a 16" 16:10 display with ample vertical space to scroll less and see more.

Reliable, day in and day out

Built to handle everyday use, our laptops undergo HP Trusted Quality testing.

Featuring

Windows is fast, powerful, and secure

Windows 11 is fast, powerful, and secure, giving you a dependable foundation to work, create, and stay protected every day. [3]

Snapdragon® X

Perfect for on-the-go productivity, this processor delivers essential performance, AI capabilities, and long-lasting battery life. Stay efficient and connected all day, every day. [4]

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.

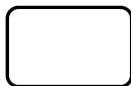
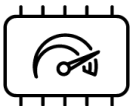
2K OLED

Experience rich colors and crisp visuals for your everyday productivity with an OLED display, 1920x1200 resolution, and up to 300 nits of brightness. [5]

PC Game Pass 3-month trial

Enjoy 3 months of PC Game Pass — free with your new HP device. With new games added all the time, there's always something new to play. [6]

 Windows 11



Specifications

Operating system	Windows 11 Home
Product color	Nouvelle silver aluminum
Product design	Anodized cover and base finish, matte paint keyboard frame
Processor family	Snapdragon® X processor
Processor	Snapdragon® X X1-26-100 (up to 2.97 GHz, 8 cores) ^[6,7]
Chipset	Qualcomm® integrated SoC
Memory	8 GB LPDDR5x-8448 MT/s (onboard)
Internal Storage	512 GB PCIe® Gen4 NVMe™ M.2 SSD
Graphics	Integrated
Graphics (integrated)	Qualcomm® Adreno™ GPU
Display	40.6 cm (16") diagonal, 2K (1920 x 1200), OLED, 0.2 ms response time, UWVA, micro-edge, BrightView, Low Blue Light, 300 nits, 100% DCI-P3
Screen-to-body ratio (without speakers)	88% ^[18]
Audio	Dual speakers; HP Audio Boost
Dimensions (W x D x H)	35.86 x 25.18 x 1.47 cm
Weight	1.66 kg
Package dimensions (W x D x H)	6.3 x 50.4 x 30.2 cm
Package weight	2.39 kg
Keyboard	Full-size, backlit, darker nouvelle silver opaque keyboard with numeric keypad
Pointing device	HP Imagepad
Camera	1080p FHD IR camera with HDR auto switch, temporal noise reduction and integrated dual array digital microphones
Ports	2 USB Type-A 5Gbps signaling rate; 1 HDMI-out 2.1; 1 headphone/microphone combo; 2 USB Type-C® 10Gbps signaling rate (USB Power Delivery 3.0, DisplayPort™ 1.4, HP Sleep and Charge) ^[19]
Wireless	Qualcomm® FastConnect™ 6900 Wi-Fi 6E (2x2) and Bluetooth® 5.3 wireless card ^[12,46]
Power supply type	65 W AC power adapter (recommended, sold separately)
Battery type	4-cell, 68 Wh Li-ion polymer (^[23])
Battery recharge time	Supports battery fast charge: approximately 50% in 45 minutes ^[5]
Battery life video playback	Up to 45 hours and 45 minutes
Energy star certified	ENERGY STAR® certified
Sustainability specifications	Recycled metal in cover, base and keyboard bracket; Keyboard keycaps, scissors and keyboard plate contain post-consumer recycled materials
Security management	Mic mute key; Camera privacy shutter; Trusted Platform Module (Firmware TPM) support
Software included	McAfee Online Protection 30-day trial; 1-month Adobe free trial offer; PC Game Pass 3-month trial
Software - Productivity & finance	1 month trial for new Microsoft 365 customers ^[24]
HP apps	HP Support Assistant; HP Connection Optimizer; OMEN Gaming Hub
Cloud service	100 GB Dropbox storage for 3 months ^[1]
UPC number	826581714354
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, branding and/or naming is not a measurement of higher performance. 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.

[3] Battery life varies significantly by device and with settings, usage and other factors. See aka.ms/w11claims. Based on speedometer benchmark. Performance will vary significantly by device. See aka.ms/w11claims

[4] 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.

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

[6] Claim within 30 days of device activation. New and eligible returning members only. Valid payment method required. Subscription continues automatically at regular monthly price unless cancelled. Subject to xbox.com/subscriptionterms. Benefits vary by Xbox Game Pass plan. Terms and Exclusions apply. Game library varies over time, by region, device, and Xbox Game Pass plan. xbox.com/gamepass. For details on partner subscriptions included with PC Game Pass: <https://www.ea.com/ea-play/>, <https://store.ubisoft.com/ubisoftplus/classics>. In-game benefits vary by game, region, and over time. Game must be installed to access in-game benefits. Terms apply, see xbox.com/subscriptionterms for more. Excludes HP Chromebooks.

Technical Specifications Footnotes

[1] 100 GB of free Dropbox storage for 3 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 45 minutes when the system is off using "shut down" command, using HP adapter provided with the notebook or recommended power adapter disclosed in specifications (see <http://store.hp.com>). 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.

[6] 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.

[7] 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.

[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.

[18] Percent of active plus nonactive viewing area to active viewing area plus border. Measure with lid vertical to the desk. Calculated to the nearest whole percent may vary +/-0.5%.

[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.

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