



AI performance and portability with a brilliant 16" display.

Tough enough to meet demanding US military-grade standard testing[1], HP OmniBook 7 16 AI PC delivers durability, performance, and portability, powered by the latest AI-enhanced Intel® Core™ Ultra Processor[2] and a brilliant 16" display.

Military-grade-tested[1]. For the toughest tasks.

Engineered and tested to withstand drops, bumps, and extreme temperatures so you can work from anywhere.

Fits your need for power and speed.

Delivers AI power, an all-day, fast-charging battery, and all the ports you could want.

Brilliant viewing

A 16" display delivers brilliant viewing and ultra smooth visuals.

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. [5]

Intel® Core™ Ultra 7 Series 3 processor

No tradeoffs. Intel® Core™ Ultra Series 3 processors deliver what matters: incredible battery life, powerful performance, and built-in graphics and AI to revolutionize how you create, game, and work anywhere. Feel the power of Intel Inside®. [6]

Intel® Graphics

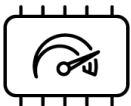
Stream your favorite shows, hop on video calls, and scroll through photo edits. All with smooth, responsive visuals. Built-in Intel® Graphics handle everyday entertainment and multitasking with ease, no extra GPU, no extra bulk. [7]

Low Blue Light

Protect your eyes from harmful blue light with a low blue light display.

16:10 aspect ratio

A 16:10 aspect ratio lets you see more of your content with less scrolling.



Specifications

Operating System Software	Windows 11 Pro
Product Color Description (fixed)	Meteor silver aluminum
Product Design	Sandblasted anodized finish
Processor Family	Intel® Core™ Ultra 7 processor
Processor Name	Intel® Core™ Ultra 7 356H (up to 4.7 GHz with Intel® Turbo Boost Technology, 18 MB L3 cache, 16 cores, 16 threads) [6,7]
Chipset	Intel® integrated SoC
Standard Memory Description 01	32 GB LPDDR5x-8533 MT/s (onboard)
Hard Drive Description (01)	1 TB PCIe® Gen4 NVMe™ M.2 SSD
Graphics Card Segment 01	Integrated
GScardseg 01 Available Card 01	Intel® Graphics
Display Description (metric)	40.6 cm (16") diagonal, 2.5K (2560 x 1600), 60-240 Hz, 7 ms response time, IPS, micro-edge, anti-glare, Low Blue Light, 500 nits, 100% sRGB
Display Description	16" diagonal, 2.5K (2560 x 1600), 60-240 Hz, 7 ms response time, IPS, micro-edge, anti-glare, Low Blue Light, 500 nits, 100% sRGB
Screen-To-Body Ratio (without speakers)	88% ^[18]
Audio Features	DTS:X® Ultra; Dual speakers; HP Audio Boost; Poly Studio
Product Dimensions (metric)	35.78 x 25.48 x 1.5 cm
Product Dimensions (imperial)	14.09 x 10.03 x 0.59 in
Weight (metric)	1.96 kg
Weight (imperial)	4.32 lb
Package Dimensions (metric)	8 x 42.3 x 30.3 cm
Package Dimensions (imperial)	3.14 x 16.65 x 11.92 in
Package Weight (metric)	3.01 kg
Package Weight (imperial)	6.64 lb
Keyboard	Full-size, backlit, soft gray keyboard with numeric keypad
Pointing Device	HP Imagepad
Camera	5MP IR camera with HDR auto switch, temporal noise reduction and integrated dual array digital microphones
External I/O Ports	1 USB Type-A 10Gbps signaling rate; 1 USB Type-A 5Gbps signaling rate; 1 HDMI-out 2.1; 1 headphone/microphone combo; 1 Thunderbolt™ 4 with USB Type-C® 40Gbps signaling rate (USB Power Delivery 3.1, DisplayPort™ 2.1, HP Sleep and Charge); 1 USB Type-C® 10Gbps signaling rate (USB Power Delivery 3.1, DisplayPort™ 1.4a, HP Sleep and Charge) ^[19]
Expansion Slots	2 M.2 (SSD)
Wireless Technologies	Intel® Wi-Fi 7 BE211 (2x2) and Bluetooth® 6.0 wireless card ^[12,46]
Power Supply Type	100 W USB Type-C® GaN power adapter
Battery Type	4-cell, 70 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; Recycled metal in cover, keyboard frame, base and hinge cap(s); Keyboard keycaps and scissors contain post-consumer recycled plastic
Security Management	Mic mute key; Camera privacy shutter; Trusted Platform Module (Firmware TPM) support
Software Included	McAfee Online Protection 30-day trial
Software - Productivity & Finance	1 month trial for new Microsoft 365 customers ^[24,50]
Cloud Service	100 GB Dropbox storage for 3 months ^[1]
UPC Number	821844273999

Top Recommended Displays, Accessories and Services

No Top Recommended Displays, Accessories and Services

Messaging Footnotes

[1] Testing is not intended to demonstrate fitness of U.S. Department of Defense (DoD) contract requirements or for military use. Test results are not a guarantee of future performance under these test conditions. Accidental damage requires an optional HP Accidental Damage Protection Care Pack.

[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. Intel'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, and other factors.

[5] 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>.

[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. Intel's numbering is not a measurement of higher performance.

[7] For more complete information on configurations and workloads, visit www.Intel.com/PerformanceIndex.

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 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.

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[7] Intel® Turbo Boost performance varies depending on hardware, software and overall system configuration. See <http://www.intel.com/technology/turboboost/> for more information.

[12] Wireless access point and Internet service required and sold separately. Availability of public wireless access points limited. Wi-Fi 7 (802.11BE) functionality requires Windows 11 2024, select Intel® Core™ or Intel® Core™ Ultra processor, and a Wi-Fi 7 router, sold separately. Wi-Fi 7 is backwards compatible with prior 802.11 specs. Available in countries where Wi-Fi 7 is supported. The specification for 802.11BE is a draft specification and is not final. If the final specification differs from the draft specification, it may affect the ability of the device to communicate with other 802.11BE devices.

[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® 6.0 operation requires Microsoft OS/Chrome OS support. Until Microsoft OS/Chrome OS support is available, Bluetooth® 6.0 will function as Bluetooth® 5.4 or lower.

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