ProductSheet
HP OmniBook 5 Laptop 16-ba1011nm (CP4G4EA)

Create content, work on the go, and stay connected.

Bring your designs to life on the go with the HP OmniBook 5 16-inch Laptop PC. Powered by Intel® Core™ Processors[1] and featuring quick charging with HP Fast Charge[2], experience seamless multitasking with less interruptions. Enjoy a stunning display, share ideas with the FHD camera[3], and stay connected with all the ports you need.

Amp up your productivity and break more ground
Stay productive on the go with an Intel® Core™ Processor[1], HP Fast Charge[2] and easy access Copilot key[4].

A wider, brighter display
Enjoy stunning visuals on a precision quality, expansive screen[5] ideal for both work and entertainment.

Stay connected and share ideas effortlessly
Join conference calls on the go with fast WiFi and a FHD camera with manual shutter and facial recognition[6].

Featuring

Intel® Core™ Processors
Delivering performance, stunning graphics, and more reliable connectivity, Intel® Core™ processors power real world computing you can count on. Have confidence that your PC will keep up with you, no matter what you're doing or where you're going. [1]

Intel® Graphics
Enjoy vivid and immersive visuals in creative applications and gaming. [9]

DCI-P3 color space
Get deeper hues and more accurate colors with a wider color gamut than sRGB. DCI-P3 95% closely represents colors on displays as they are in the real world. [5]

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

OLED display
With display technology that lights each pixel separately, you'll get deeper blacks for richer contrast, enhanced color depth, and more power efficiency than traditional LED screens.

Specifications

Operating system	FreeDOS 3.0
Product color	Glacier silver aluminum
Processor family	Intel® Core™ 5 processor
Processor	Intel® Core™ 5 120U (up to 5.0 GHz with Intel® Turbo Boost Technology, 12 MB L3 cache, 10 cores, 12 threads)[6,7]
Chipset	Intel® integrated SoC
Memory	16 GB LPDDR5x-7500 MT/s (onboard)
Internal Storage	1 TB PCIe® Gen4 NVMe™ M.2 SSD
Product design	Matte finish
Graphics	Integrated
Graphics (integrated)	Intel® Graphics
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, 95% DCI-P3
Display	16" diagonal, 2K (1920 x 1200), OLED, 0.2 ms response time, UWVA, micro-edge, BrightView, Low Blue Light, 300 nits, 95% DCI-P3
Display size (diagonal)	40.6 cm (16")
Display size (diagonal)	16"
Audio	DTS:X® Ultra; Dual speakers; HP Audio Boost
Dimensions (W x D x H)	35.77 x 25.48 x 1.79 cm (front); 35.77 x 25.48 x 1.86 cm (rear)
Dimensions (W x D x H)	14.08 x 10.03 x 0.7 in (front); 14.08 x 10.03 x 0.73 in (rear)
Weight	1.77 kg
Weight	3.92 lb
Keyboard	Full-size, backlit, soft gray keyboard with numeric keypad
Pointing device	HP Imagepad
Camera	HP True Vision 1080p FHD camera with temporal noise reduction and integrated dual array digital microphones
Ports	1 USB Type-A 10Gbps signaling rate; 1 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 3.1, DisplayPort™ 1.4a, HP Sleep and Charge)[19]
Package dimensions (W x D x H)	6.3 x 50.4 x 30.5 cm
Package weight	2.52 kg
Wireless	Realtek Wi-Fi 6 (2x2) and Bluetooth® 5.4 wireless card
Power supply type	65 W USB Type-C® power adapter
Battery type	3-cell, 59 Wh Li-ion polymer *([23])*
Battery life	Up to 13 hours[3]
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, sideband and hinge cap(s)
Security management	Mic mute key; Camera privacy shutter; Trusted Platform Module (Firmware TPM) support
UPC number	199764292728

Top Recommended Displays, Accessories and Services

No Top Recommended Displays, Accessories and Services

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

[2] Recharges your battery up to 50% within 30 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.

[3] Camera resolution refers to the image sensor active pixels. The actual image capture pixels and aspect ratio depend on the app selected. Features may require software or other 3rd party applications to provide the described functionality.

[4] 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.

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

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

[9] For more complete information on configurations and workloads, visit www.Intel.com/PerformanceIndex. Intel technologies may require enabled hardware, software or service activation. No product or component can be absolutely secure. Your costs and results may vary. © Intel Corporation. Intel, the Intel logo, and other Intel marks are trademarks of Intel Corporation or its subsidiaries. Other names and brands may be claimed as the property of others.

Technical Specifications Footnotes

[3] MobileMark 25 Battery life will vary depending on various factors including product model, configuration, loaded applications, features, use, wireless functionality, and power management settings. The maximum capacity of the battery will naturally decrease with time and usage. See https://bapco.com/products/mobilemark-25/ for additional details.

[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.

[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, branding and/or naming is not a measurement of higher performance.

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

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