

# HP OmniBook 5 Laptop AI 16-af1000nm (BT3J6EA)



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 AI PC. Powered by Intel® Core™ Ultra 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.



### AI powered breakthroughs everyday

Stay productive on the go with an Intel® Core™ Ultra Processor[1], HP Fast Charge[2] and Copilot hotkey[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 Wi-Fi, FHD camera[3], Windows Studio Effects and AI Noise reduction.

## 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. [8]

### Intel® Core™ Ultra Processors (Series 2)

Experience versatility with Intel® Core Ultra Processors. Evolved AI that makes intelligent collaboration and creation more accessible than ever before. [9]

### Intel® Graphics

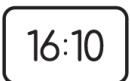
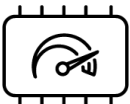
Enjoy vivid and immersive visuals in creative applications and gaming. [10]

### 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.



## Specifications

<b>Operating system</b>	Windows 11 Home
<b>Product color</b>	Glacier silver aluminum
<b>Processor family</b>	Intel® Core™ Ultra 7 processor
<b>Processor</b>	Intel® Core™ Ultra 7 255U (up to 5.2 GHz with Intel® Turbo Boost Technology, 12 MB L3 cache, 12 cores, 14 threads) [6,7]
<b>Chipset</b>	Intel® integrated SoC
<b>Memory</b>	32 GB LPDDR5-7467 MT/s (onboard)
<b>Internal Storage</b>	1 TB PCIe® Gen4 NVMe™ M.2 SSD
<b>Product design</b>	Matte finish
<b>Graphics</b>	Integrated
<b>Graphics (integrated)</b>	Intel® Graphics
<b>Display</b>	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
<b>Display</b>	16" diagonal, 2K (1920 x 1200), OLED, 0.2 ms response time, UWVA, micro-edge, BrightView, Low Blue Light, 300 nits, 95% DCI-P3
<b>Display size (diagonal)</b>	40.6 cm (16")
<b>Display size (diagonal)</b>	16"
<b>Audio</b>	DTS:X® Ultra; Dual speakers; HP Audio Boost
<b>Dimensions (W x D x H)</b>	35.77 x 25.48 x 1.79 cm (front); 35.77 x 25.48 x 1.86 cm (rear)
<b>Dimensions (W x D x H)</b>	14.08 x 10.03 x 0.7 in (front); 14.08 x 10.03 x 0.73 in (rear)
<b>Weight</b>	1.77 kg
<b>Weight</b>	3.92 lb
<b>Keyboard</b>	Full-size, backlit, soft grey keyboard with numeric keypad
<b>Pointing device</b>	HP Imagepad
<b>Camera</b>	HP True Vision 1080p FHD IR camera with temporal noise reduction and integrated dual array digital microphones
<b>Ports</b>	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) <sup>[19]</sup>
<b>Package dimensions (W x D x H)</b>	6.3 x 50.4 x 30.5 cm
<b>Package weight</b>	2.52 kg
<b>Wireless</b>	Realtek Wi-Fi 6 (2x2) and Bluetooth® 5.4 wireless card
<b>Power supply type</b>	65 W USB Type-C® power adapter
<b>Battery type</b>	3-cell, 59 Wh Li-ion polymer ([23])
<b>Battery life</b>	Up to 13 hours <sup>[3]</sup>
<b>Battery recharge time</b>	Supports battery fast charge: approximately 50% in 30 minutes <sup>[5]</sup>
<b>Energy star certified</b>	ENERGY STAR® certified
<b>Sustainable impact specifications</b>	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)
<b>Security management</b>	Mic mute key; Camera privacy shutter; Trusted Platform Module (Firmware TPM) support
<b>Software included</b>	McAfee Online Protection 30-day trial
<b>Software - Productivity &amp; finance</b>	1 month trial for new Microsoft 365 customers <sup>[24]</sup>
<b>Cloud service</b>	25 GB Dropbox storage for 12 months <sup>[1]</sup>
<b>UPC number</b>	199251537752

## 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. 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.
- [8] 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>.
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- [10] For more complete information on configurations and workloads, visit [www.Intel.com/PerformanceIndex](http://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

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

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