

# HP OmniBook 5 Laptop 16-ba1009nm

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<sup>1</sup> and featuring quick charging with HP Fast Charge<sup>2</sup>, experience seamless multitasking with less interruptions. Enjoy a stunning display, share ideas with the FHD camera<sup>3</sup>, and stay connected with all the ports you need.



\*Product image may differ from actual product



**Amp up your productivity and break more ground**

Stay productive on the go with an Intel® Core™ Processor<sup>1</sup>, HP Fast Charge<sup>2</sup> and easy access Copilot key<sup>4</sup>.



**A wider, brighter display**

Enjoy stunning visuals on a precision quality, expansive screen<sup>5</sup> 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<sup>6</sup>.

## Sustainability in action

**Built for a better tomorrow**

The HP OmniBook 5 Laptop incorporates recycled materials<sup>7</sup> and is EPEAT® Gold with Climate+<sup>8</sup> certified.



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## 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.<sup>1</sup>

### 16:10 aspect ratio

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

### Anti-glare panel

Enjoy the sun and your favorite content with this anti-glare panel. Non-reflective and low gloss means you'll get less glare while you're outside.

### Micro Edge display

By squeezing a larger screen into a smaller frame, this ultra-thin, barely visible bezel revolutionizes your display's appearance with a beautifully efficient design.<sup>9</sup>

### IPS Panel

No matter where you stand, this screen delivers clear, vivid images with 178-degree wide-viewing angles, so everyone can get a great view.

### Flicker-free

Using DC Dimming technology that controls brightness by adjusting direct current rather than cycling the backlight, we can eliminate screen flickering for more comfortable viewing.<sup>10</sup>

### EPEAT® Gold with Climate+

With EPEAT® Gold with Climate+, you're choosing a movement towards responsibility and climate action.<sup>11</sup>

### ENERGY STAR® certified

Save energy and money with ENERGY STAR®, certified by the EPA so you will use less energy and save money where it counts most.<sup>12</sup>

### Keyboard contains post-consumer recycled plastic

We're bringing a more thoughtful design to our keyboards by using post-consumer recycled plastic in the design.<sup>13</sup>

### Recycled aluminum

Because little things make a big difference, this laptop design includes sustainable materials like recycled aluminum.<sup>14</sup>

### HP Fast Charge

When your laptop is low on power, no one has time to wait hours to recharge. Power down your device and go from 0 to 50% charge in approximately 30 minutes.<sup>15</sup>

### Effortlessly connected

Enjoy faster speeds, improved performance and greater capacity with Wi-Fi 6 and Bluetooth® 5.4 wireless card.<sup>16</sup>

### Microphone Mute

Enjoy greater peace of mind and the convenience of a dedicated microphone mute button that you can easily activate and know it's on or off with an LED indicator light.

### Camera Shutter

No more unsightly tape and tacky gum to hide your private moments. Ensure your privacy and security with a visible, physical shutter that turns off your PC's camera when not in use.

### USB Type-C® Power + Display + 10Gbps signaling rate

Power your device or connect to an external display from just one USB-C® port with 10Gbps signaling rate. And it's reversible, so you never have to worry about plugging in upside down.<sup>17</sup>

### Dual speakers

Pump up the volume to your favorite music, movie or game with dual-stereo speakers.

### Backlit keyboard with integrated numeric pad

Keep going even in dimly lit rooms or aboard red-eye flights. With an illuminated keyboard and integrated numeric pad, you can type comfortably in more environments.

### LPDDR5X RAM

Experience speedy and responsive performance with the power efficient LPDDR5X memory. Designed to support higher data rates with less latency, plus faster file transfers and application load.



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## Specifications



## Performance

**Operating system**

FreeDOS 3.0

**Processor**

Intel® Core™ i5-1334U (up to 4.6 GHz with Intel® Turbo Boost Technology, 12 MB L3 cache, 10 cores, 12 threads)<sup>6,7</sup>

Processor family: 13th Generation Intel® Core™ i5 processor

**Chipset**

Intel® integrated SoC

**Memory**

16 GB LPDDR5x-4800 MT/s (onboard)

Transfer rates up to 4800 MT/s.

Number of User-accessible Memory Slots: 0

**Storage**

512 GB PCIe® Gen4 NVMe™ M.2 SSD

**Graphics**

Integrated: Intel® Iris® X<sup>e</sup> Graphics;

Intel® Iris® X<sup>e</sup> Graphics capabilities require system to be configured with Intel® Core™ i5 or i7 processors and dual channel memory. Intel® Iris® X<sup>e</sup>

Graphics with Intel® Core™ i5 or i7 processors and single channel memory will only function as Intel® UHD Graphics.

**Audio**

DTS:X® Ultra; Dual speakers; HP Audio Boost

**Display**

40.6 cm (16") diagonal, 2K (1920 x 1200), IPS, micro-edge, anti-glare, 300 nits, 62.5% sRGB<sup>17</sup>

**Screen-to-body ratio**

88.90%<sup>18</sup>

**Power**

65 W USB Type-C® power adapter;

**Battery type**

3-cell, 59 Wh Li-ion polymer<sup>23</sup>

**Battery and Power**

Up to 13 hours<sup>3</sup>;

Supports battery fast charge: approximately 50% in 30 minutes<sup>5</sup>

**Maximum battery life video playback**

Up to 19 hours and 15 minutes<sup>10</sup>

## Connectivity

**Wireless connectivity**

Realtek Wi-Fi 6 (2x2) and Bluetooth® 5.4 wireless card

**Ports**

2 USB Type-C® 10Gbps signaling rate (USB Power Delivery, DisplayPort™ 1.4a, HP Sleep and Charge); 1 USB Type-A 10Gbps signaling rate; 1 USB Type-A 5Gbps signaling rate; 1 HDMI-out 2.1; 1 headphone/microphone combo<sup>19</sup>

**Webcam**

HP True Vision 1080p FHD camera with temporal noise reduction and integrated dual array digital microphones

## Sustainability

**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)<sup>39,40,41</sup>

## Design

**Product color**

Glacier silver

Matte finish

## Additional information

**Part Number**

P/N: BZ6M5EA #BED

UPC/EAN code: 199251790829

**Weight**

1.77 kg;

Packed: 2.52 kg

**Dimensions**

35.77 x 25.48 x 1.79 cm (front); 35.77 x 25.48 x 1.86 cm (rear);

Packed: 6.3 x 50.4 x 30.5 cm

**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.

**Keyboard**

Full-size, backlit, soft grey keyboard with numeric keypad

HP Imagepad

**Security management**

Mic mute key; Camera privacy shutter; Trusted Platform Module (Firmware TPM) support



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## Footnotes

### Messaging Footnotes

- <sup>1</sup> 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.
- <sup>2</sup> 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.
- <sup>3</sup> 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.
- <sup>4</sup> 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>.
- <sup>5</sup> All performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower.
- <sup>6</sup> Features may require software or other 3rd party applications to provide the described functionality.
- <sup>7</sup> Laptops manufactured with recycled ocean-bound plastic material in product speaker enclosures, recycled aluminum material in product cover and post-consumer recycled plastic in keycaps. Percentage of material contained in each component varies by product.
- <sup>8</sup> See [www.epeat.net](http://www.epeat.net) for registration status and tier levels by country.
- <sup>9</sup> Display measured diagonally
- <sup>10</sup> The flicker-free capability eliminates screen flickering through integrating DC-dimming LED backlights.
- <sup>11</sup> EPEAT® Gold with Climate+ registered where applicable. EPEAT registration varies by country. See [www.epeat.net](http://www.epeat.net) for registration status by country.
- <sup>12</sup> ENERGY STAR and the ENERGY STAR logo are registered trademarks of the U.S. Environmental Protection Agency.
- <sup>13</sup> Keyboard components contain post-consumer recycled plastic. Percentage of post consumer recycled contained in each component varies by product.
- <sup>14</sup> Includes recycled metal.
- <sup>15</sup> 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.
- <sup>16</sup> Wireless access point and internet service required and sold separately. Availability of public wireless access points limited. Wi-Fi 6 is backwards compatible with prior 802.11 specs. Wi-Fi 6 is designed to support gigabit data rate when transferring files between two devices connected to the same router. Requires a wireless router, sold separately, that supports 80MHz and higher channels. Wi-Fi 6 (802.11ax) is not supported in Belarus where Wi-Fi settings will be optimized to local regulatory requirements (802.11ac). Bluetooth® 5.4 operation requires Microsoft OS/Chrome OS support. Until Microsoft OS/Chrome OS support is available, Bluetooth® 5.4 will function as Bluetooth® 5.3 or lower. Bluetooth® is a trademark owned by its proprietor and used by HP Inc. under license.
- <sup>17</sup> Actual throughput may vary. USB Type-C® and USB-C® are trademarks of USB Implementers Forum. Display measured diagonally

### Technical Specifications Footnotes

- <sup>3</sup> 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.
- <sup>5</sup> 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.
- <sup>6</sup> 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.
- <sup>7</sup> Intel® Turbo Boost performance varies depending on hardware, software and overall system configuration. See <http://www.intel.com/technology/turboboost/> for more information.
- <sup>10</sup> Battery life tested by HP using continuous FHD video playback, 1080p (1920x1080) resolution, 150 nits brightness, system audio level at 17% 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.
- <sup>11</sup> Wi-Fi 6 is designed to support gigabit data rate when transferring files between two devices connected to the same router. Requires a wireless router, sold separately, that supports 80MHz and higher channels.
- <sup>12</sup> Wireless access point and internet service required and sold separately. Availability of public wireless access points limited. Wi-Fi 6 is backwards compatible with prior 802.11 specs.
- <sup>17</sup> All performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower.
- <sup>18</sup> Percent of active plus nonactive viewing area to active viewing area plus border. Measure with lid vertical to the desk.
- <sup>19</sup> For best results with HP Sleep and Charge, use a USB charging protocol standard cable or cable adapter with an external device.
- <sup>23</sup> Actual battery Watt-hours (Wh) will vary from design capacity. Battery capacity will naturally decrease with shelf life, time, usage, environment, temperature, system configuration, loaded apps, features, power management settings and other factors.
- <sup>37</sup> Weight and system dimensions may fluctuate due to configuration and manufacturing variances.
- <sup>39</sup> Percentage of ocean-bound plastic contained in each component varies by product.
- <sup>40</sup> Laptops manufactured with recycled metal material in product cover. Percentage of recycled metal varies by product.
- <sup>41</sup> Keyboard components contain post-consumer recycled plastic. Percentage of post consumer recycled contained in each component varies by product.
- <sup>45</sup> The Flicker-free capability is eliminating screen flickering through integrating DC-dimming LED backlights or LED emissions. OLED panel is functional with DC-DIMMING when above 100nits.
- <sup>46</sup> Bluetooth® 5.4 operation requires Microsoft OS/Chrome OS support. Until Microsoft OS/Chrome OS support is available, Bluetooth® 5.4 will function as Bluetooth® 5.3 or lower.

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