

# HP OmniBook 5 Laptop 16-bc1007nax

The HP OmniBook 5 16-inch PC comes with the powerful AMD Ryzen™ Processor<sup>1</sup> so you can streamline your day.

Streamline your day with the HP OmniBook 5 16-inch PC, powered by an AMD Ryzen™ Processor<sup>1</sup> for seamless multitasking. Enjoy a stunning display, stay charged with HP Fast Charge<sup>2</sup>, and enhance efficiency with the Copilot hotkey<sup>3</sup> for instant AI access and versatile USB-C ports to connect all your devices.



\*Product image may differ from actual product



### Power to multitask

Multitask easily with the power of an AMD Ryzen™ Processor<sup>1</sup> and Copilot hotkey<sup>3</sup> for instant AI assistance.



### Visuals to lose yourself in

Enjoy a visual adventure with AMD Radeon 700M Graphics and a display with less bezel and eye-catching clarity.



### Seamlessly connect on the go

Showcase your ideas from anywhere with an FHD camera<sup>4</sup> and AI enhanced Windows Studio Effects.

## Sustainability in action

### Built for a better tomorrow

This PC is EPEAT® Gold with Climate+<sup>5</sup> certified and contains post-consumer ocean-bound plastics<sup>6</sup>.



with



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## 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.<sup>7</sup>

### AMD Ryzen™ 8040 Series processors with AMD Radeon™ graphics

AMD Ryzen™ 8040 Series processors bring premium experiences, trusted performance, incredible battery life, and the power of AMD Ryzen™ AI\* (on select models).<sup>8</sup>

### AMD FreeSync™ technology

See and feel the difference of fluid, responsive gameplay. By synchronizing the refresh rate with your GPU, AMD FreeSync™ makes display stutter, input lag, and screen tears ancient history.<sup>9</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>10</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>11</sup>

### Xbox Game Pass Premium 2-month trial

Enjoy 2 months of Xbox Game Pass Premium. Free with your new HP device. Access a library of legendary, high-quality games, get exclusive in-game perks, partner discounts, and earn points annually with Xbox Rewards.<sup>12</sup>

### Copilot+ PC Experiences

Brilliant new AI features designed to enrich your everyday life. Transform mundane tasks from ordinary to extraordinary. Save time, make plans, be more creative. Now, you never have to miss a beat.<sup>13</sup>

### HP AI Companion

Your AI companion for instant answers and secure file analysis. Analyze sensitive files, query on the go, and seamlessly call on the intelligence of AI for all your everyday tasks.<sup>14</sup>

### EPEAT® Gold with Climate+

With EPEAT® Gold with Climate+, you're choosing a movement towards responsibility and climate action.<sup>15</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>16</sup>

### Keyboard contains post-consumer recycled materials

We're bringing a more thoughtful design to our keyboards by using post-consumer recycled materials in the design.<sup>17</sup>

### Recycled aluminum

Because little things make a big difference, this laptop design includes sustainable materials like recycled aluminum.<sup>18</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 45 minutes.<sup>19</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.

### HP True Vision FHD

Video chat in vibrant clarity with Full HD resolution, even in low light, and make every conversation a face-to-face experience for a better way to stay in touch.<sup>20</sup>

### 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>21</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.

### LPDDR5 RAM

Experience speedy and responsive performance with the power efficient LPDDR5 memory. Designed to support higher data rates with less latency, plus faster file transfers and application load.

## Recommended accessories and services (not included)



HP 680 Comfort Dual-Mode Keyboard and Mouse  
Combo  
8T6L6AA



HP 100 Sanitizable Mouse Pad  
8X594AA



HP Everyday 16-inch Laptop Backpack  
A08JXAA



3-year pickup and return  
U4819E



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## Specifications



## Performance

### Operating system

Windows 11 Home

### Processor

AMD Ryzen™ 7 8840U (up to 5.1 GHz max boost clock, 16 MB L3 cache, 8 cores, 16 threads)<sup>6,7</sup>

Processor family: AMD Ryzen™ 7 processor

Neural Processing Unit (NPU): AMD Ryzen™ AI (16 NPU TOPS)

### Chipset

AMD integrated SoC

### Memory

16 GB LPDDR5-6400 MT/s (onboard)

Transfer rates up to 6400 MT/s.

Number of User-accessible Memory Slots: 0

### Storage

1 TB PCIe® Gen4 NVMe™ M.2 SSD

100 GB Dropbox storage for 3 months<sup>1</sup>

### Graphics

Integrated: AMD Radeon™ 780M 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 AC power adapter (recommended, sold separately);

### Battery type

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

### Battery and Power

Supports battery fast charge: approximately 50% in 45 minutes<sup>5</sup>

## Connectivity

### Wireless connectivity

Realtek Wi-Fi 6 (1x1) and Bluetooth® 5.3 wireless card

### 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)<sup>19</sup>

### Webcam

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

## Sustainability

### Ecolabels

EPEAT® Gold with Climate+<sup>27</sup>

### 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 aluminum

Matte finish

## Software

### HP apps

HP Support Assistant; HP Connection Optimizer; HP AI Companion

### Software

Copilot in Windows with Copilot key;

1 month trial for new Microsoft 365 customers<sup>24</sup>

### Service & support

McAfee Online Protection 30-day trial; 1-month Adobe free trial offer;

Xbox Game Pass Premium 2-month trial<sup>2,25</sup>

## Additional information

### Part Number

P/N: D77GBEA #ABU

UPC/EAN code: 821844266014

### 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 gray keyboard with numeric keypad

HP Imagepad

### Features

AMD FreeSync™<sup>29</sup>

### 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. AMD's numbering is not a measurement of clock speed.
- <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> 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>4</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>5</sup> See [www.epeat.net](http://www.epeat.net) for registration status and tier levels by country.
- <sup>6</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>7</sup> 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>.
- <sup>8</sup> Ryzen™ AI is defined as the combination of a dedicated AI engine, AMD Radeon™ graphics engine, and Ryzen processor cores that enable AI capabilities. OEM and ISV enablement is required, and certain AI features may not yet be optimized for Ryzen AI processors. Ryzen AI is compatible with AMD Ryzen 7040 and 8040 Series processors except Ryzen 5 7540U, Ryzen 5 8540U, Ryzen 3 7440U, and Ryzen 3 8440U processors. Please check with your system manufacturer for feature availability prior to purchase. GD-220a. 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. AMD's numbering is not a measurement of clock speed.
- <sup>9</sup> FreeSync™ is only available when it is connected on Display Port or HDMI port. FreeSync™ is an AMD technology enabled on FHD or QHD displays and is designed to eliminate stuttering and/or tearing in games and videos by locking a display's refresh rate to the frame rate of the graphics card. Monitor, AMD Radeon™ Graphics and/or AMD A-Series APU compliant with DisplayPort™ Adaptive-Sync required. AMD Catalyst™ 15.2 Beta (or newer) required. Adaptive refresh rates vary by display.
- <sup>10</sup> Display measured diagonally
- <sup>11</sup> The flicker-free capability eliminates screen flickering through integrating DC-dimming LED backlights.
- <sup>12</sup> Subscription continues automatically at regular monthly price unless cancelled. Subject to <https://www.xbox.com/legal/subscription-terms>. Benefits vary by Xbox Game Pass plan. Game library varies over time, by region, device, and Xbox Game Pass plan. [xbox.com/gamepass](http://xbox.com/gamepass). In-game benefits vary by game, region, and over time. Game must be installed to access in-game benefits. For a list of cloud and non-cloud markets and supported regions, visit [xbox.com/regions](http://xbox.com/regions). Terms apply, see [xbox.com/gamepass](http://xbox.com/gamepass) for more. Excludes HP Chromebooks.
- <sup>13</sup> Copilot+ PC experiences vary by device and region and may require updates continuing to roll out through 2025; timing varies. See [aka.ms/copilotpluspc](http://aka.ms/copilotpluspc)
- <sup>14</sup> HP AI Companion is available preloaded on select HP next gen AI PCs or is available for download from the Microsoft store and requires a HP next gen AI PC with a NPU supporting 40-60 TOPS and requires Windows 11. Perform requires account set up within 30 days of PC boot or enrollment through the HP AI Companion app. Some features require customer upload of local data. Five (5) library 100MB limit each, supported files may vary and at launch include pdf, txt, .docx files.
- <sup>15</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>16</sup> ENERGY STAR and the ENERGY STAR logo are registered trademarks of the U.S. Environmental Protection Agency.
- <sup>17</sup> Keyboard components contain post-consumer recycled materials. Percentage of post consumer recycled contained in each component varies by product.
- <sup>18</sup> Includes recycled metal.
- <sup>19</sup> 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.
- <sup>20</sup> Features may require software or other 3rd party applications to provide the described functionality.
- <sup>21</sup> Actual throughput may vary. USB Type-C® and USB-C® are trademarks of USB Implementers Forum. Display measured diagonally

### Technical Specifications Footnotes

- <sup>1</sup> 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.
- <sup>2</sup> Internet access required and not included. McAfee is pre-installed on your PC and an account is required for activation. Subscription renewal required after trial period. VPN feature is not available in India, China, Syria or North Korea. McAfee is not compatible with Windows 11 in S mode. You'll need to permanently switch out of S mode. There's no charge to switch out of S mode, but you won't be able to turn it back on.
- <sup>3</sup> 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.
- <sup>4</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. AMD's numbering is not a measurement of clock speed.
- <sup>5</sup> Max Boost clock frequency performance varies depending on hardware, software, and overall system configuration.
- <sup>6</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>7</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>8</sup> All performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower.
- <sup>9</sup> Percent of active plus nonactive viewing area to active viewing area plus border. Measure with lid vertical to the desk.
- <sup>10</sup> For best results with HP Sleep and Charge, use a USB charging protocol standard cable or cable adapter with an external device.
- <sup>11</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>12</sup> Must activate within 180 days of Windows activation.
- <sup>13</sup> Offer available worldwide (excluding China and embargoed countries or other countries identified as restricted by applicable law or regulation) to new and existing subscribers who are 18+. Click on the Adobe icon in the start menu to redeem a 1-month free trial membership for select Adobe software. The software is tied to the device and is not transferrable. If you would like to sign up for an auto-renewing subscription, you can provide your payment method at sign-up. By adding a payment method, your subscription will automatically renew at the then current rate on your renewal date until you cancel. If you cancel before the end of the one-month free trial, you won't be charged. You can cancel your subscription anytime via your Adobe Account page or by contacting Customer Support. Please see current prices for Adobe products available in this offer. Offer not available to Education, OEM, or volume licensing customers. Subject to availability where the recipient resides. Additional terms and conditions may apply. VOID WHERE PROHIBITED OR RESTRICTED BY LAW.
- <sup>14</sup> Based on U.S. EPEAT® registration according to IEEE 16801-2018 EPEAT®. EPEAT® status varies by country. Visit [www.epeat.net](http://www.epeat.net) for more information.
- <sup>15</sup> AMD FreeSync™ /FreeSync™ Premium/FreeSync™ /FreeSync™ Replay Premium Pro is enabled on FHD or higher resolution displays, with the additional requirements, such as at least 120Hz refresh rate, low framerate compensation, and HDR to support AMD FreeSync™ Premium/ FreeSync™ Premium Pro/FreeSync™ Replay. AMD Radeon Graphics and/or AMD A-Series APU-compliant monitors with DisplayPort/HDMI Adaptive-Sync required. AMD 15.11 Crimson driver (or newer) required to support FreeSync over HDMI. Adaptive refresh rates vary by monitor. AMD FreeSync™ /FreeSync™ Premium/FreeSync™ /FreeSync™ Replay Premium Pro technology requires AMD Radeon graphics and a display certified by AMD. See [www.amd.com/freesync](http://www.amd.com/freesync) for complete details. GD-127 © 2023 Advanced Micro Devices, Inc. All rights reserved. AMD, the AMD Arrow logo, Radeon, FreeSync, and combinations thereof are trademarks of Advanced Micro Devices, Inc.
- <sup>16</sup> Weight and system dimensions may fluctuate due to configuration and manufacturing variances.
- <sup>17</sup> Percentage of ocean-bound plastic contained in each component varies by product.
- <sup>18</sup> Laptops manufactured with recycled metal material in product cover. Percentage of recycled metal varies by product.
- <sup>19</sup> Keyboard components contain post-consumer recycled plastic. Percentage of post consumer recycled contained in each component varies by product.
- <sup>20</sup> 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.
- <sup>21</sup> Copilot in Excel requires AutoSave to be enabled, meaning the file must be saved to OneDrive; it doesn't function with unsaved files. Copilot features in Outlook apply to accounts with @outlook.com, @hotmail.com, @live.com, or @msn.com email addresses and are available in Outlook.com, Outlook built into Windows, Outlook on Mac, and iOS and Android apps. AI features only available to Microsoft 365 Family subscription owner and cannot be shared; usage limits apply. Learn more [Learn more Understanding AI credits - Microsoft Support](#). Microsoft Copilot features in Microsoft 365 are not available in China or Macao SAR.

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