

ProductSheet
HP OmniBook 5 NGAI 16-ag1001nc (C09WPEA)



Streamline your day with all the AI power you need.

Streamline your day with the HP OmniBook 5 Laptop AI PC, powered by the AMD Ryzen™ AI 300 Series Processor[1] and up to 50 TOPS for seamless multitasking. Create and captivate on a stunning 2K display[3], stay charged with HP Fast Charge[4], connect easily via USB-C, and access AI instantly with the Copilot key[5].



AI power to multitask

Multitask easily with this Copilot+ PC, AMD Ryzen™ AI 300 Series Processor[1] and a collection of solutions.

Visuals to lose yourself in

Enjoy a visual adventure with AMD Radeon 800M Graphics and display with less bezel and true-to-life visuals.

Seamlessly connect on the go

Showcase your ideas from anywhere with the FHD IR camera[6] with manual shutter for added privacy.

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. [9]

AMD Ryzen™ AI 300 Series processors with AMD Radeon™ graphics

Unlock transformational AI PC experiences with AMD Ryzen™ AI 300 series processors. Designed for users to experience pure speed, responsiveness, and power efficient AI processing for Copilot+ PCs. [10]

Integrated AMD Radeon™ 800M graphics

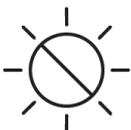
AMD Radeon™ 800M graphics are built in for thrilling gaming performance, high resolution display support and hardware accelerated encoding with or without a discrete graphics card.

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.



Specifications

Operating system	Windows 11 Home
Product color	Sky blue
Processor family	AMD Ryzen™ AI 5 processor
Processor	AMD Ryzen™ AI 5 340 (up to 4.8 GHz max boost clock, 16 MB L3 cache, 6 cores, 12 threads) ^[6,7]
Chipset	AMD integrated SoC
Memory	16 GB LPDDR5x-7500 MT/s (onboard)
Internal Storage	512 GB PCIe® Gen4 NVMe™ M.2 SSD
Product design	Matte finish
Graphics	Integrated
Graphics (integrated)	AMD Radeon™ 840M Graphics
Display	40.6 cm (16") diagonal, 2K (1920 x 1200), IPS, micro-edge, anti-glare, 300 nits, 62.5% sRGB
Display	16" diagonal, 2K (1920 x 1200), IPS, micro-edge, anti-glare, 300 nits, 62.5% sRGB
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	1.79 kg
Weight	3.97 lb
Keyboard	Full-size, backlit, darker sky blue opaque 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™ 2.1, 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 ^[11,12,13,46]
Power supply type	65 W USB Type-C® power adapter
Battery type	3-cell, 59 Wh Li-ion polymer <i>[[23]]</i>
Battery life	Up to 14 hours and 45 minutes ^[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
Software included	McAfee Online Protection 30-day trial
Software - Productivity & finance	1 month trial for new Microsoft 365 customers ^[24]
Cloud service	25 GB Dropbox storage for 12 months ^[1]
UPC number	199251856440

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. AMD's numbering is not a measurement of clock speed.
- [3] All performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower.
- [4] 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.
- [5] 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>.
- [6] 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.
- [9] 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>.
- [10] 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. 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. 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 Microsoft in Windows is not available, the Copilot key will lead to the Bing search engine. See aka.ms/copilotpluspcs.

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. AMD's numbering is not a measurement of clock speed.
- [7] Max Boost clock frequency performance varies depending on hardware, software and overall system configuration.
- [11] 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.
- [12] 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.
- [13] Wi-Fi 6 (802.11ax) is not supported in Belarus where Wi-Fi settings will be optimized to local regulatory requirements (802.11ac).
- [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® 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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