HP ProBook 4 G2a 14” Notebook Next Gen AI PC

HP ProBook 4 G2a 16” Notebook Next Gen AI PC

Key Experiences and Product Specs



Drive growing teams forward with AI performance and mobility.

Key Product Experiences

- **Intelligent performance that adapts, learns, and accelerates with AI:** Hype up hybrid teams with up to 50 TOPS[3] of optional AI-enhanced strength packed into a sleek, cost-smart frame. Bulk up security, get long battery life, and accelerate your every move.
- **AI-enhanced conferencing for smarter, more productive meetings:** Unite teams for effortless, seamless collaboration in every chat, pitch, or presentation with rich speakers and AI-enhanced conferencing[3], including studio-grade mics and an HDR camera that keeps you centered and confident.
- **High-speed memory for vital workloads:** Swiftly access up to 1TB of storage[6] and transfer data with available 64GB of DDR5 memory,[10,31] offering high bandwidth, fast speeds and improved energy efficiency for seamless multitasking and future-ready performance in secure environments.
- **HP Wolf Security for Business[9]:** Threats evolve fast—your defenses must be faster. HP Wolf Security[9] tools use AI-enhanced deep learning to outsmart attacks from BIOS to OS, and an available fingerprint sensor offers even more proactive data protection.[31]
- **Help protect our shared future:** Designed with efficiency in mind, this PC is built with at least 50% recycled aluminum[8] in outside covers and is EPEAT Climate+™ Gold 2.0 registered in US[23] and ENERGY STAR® certified[43], all mindfully shipped in 100% sustainably sourced packaging.[7]

Product Specs:

Operating System	Windows 11 Pro[2]
Processor(s)	Ryzen 5 non-Pro, Ryzen 7 non-Pro[16] (NPU up to 50 TOPS)[3]
Graphics	Integrated: AMD Radeon™ Graphics
Memory	8GB/16GB/24GB/32GB/48GB/64GB DDR5-5600 MT/s[10]
Internal Storage	256GB up to 1TB PCIe® Gen4 NVMe™ M.2 SSD Value[30]
Display	**14":** 14" diagonal, WUXGA (1920 x 1200), UWVA, Anti-Glare, WLED, 300 nits, sRGB 62.5%, low power, LCD Panel[11] 14" diagonal, WUXGA (1920 x 1200), touch[24], UWVA, Anti-Glare, WLED, 300 nits, sRGB 62.5%, low power LCD Panel[11] 14" diagonal, WUXGA (1920 x 1200), UWVA, Anti-Glare, OLED + Low Blue Light, 300 nits, DCI-P3 95%, OLED Panel[11] 14" diagonal, WUXGA (1920 x 1200), UWVA, Anti-Glare, WLED + Low Blue Light, 400 nits, sRGB 100%, low power, LCD Panel[11] 14" diagonal, 2.5K (2560 x 1600), 120Hz (VRR), UWVA, Anti-Glare, WLED + Low Blue Light, 400 nits, DCI-P3 100% + Adobe 100%, LCD Panel[11] **16":** 16" diagonal, WUXGA (1920 x 1200), UWVA, Anti-Glare, WLED, 300 nits, sRGB 62.5%, LCD Panel[11] 16" diagonal, WUXGA (1920 x 1200), touch[24], UWVA, Anti-Glare, WLED, 300 nits, sRGB 62.5%, LCD Panel[11] 16" diagonal, WUXGA (1920 x 1200), UWVA, Anti-Glare, OLED + Low Blue Light, 300 nits, DCI-P3 95%, OLED Panel[11] 16" diagonal, WUXGA (1920 x 1200), UWVA, Anti-Glare, WLED + Low Blue Light, 400 nits, sRGB 100%, low power, LCD Panel[11] 16" diagonal, 2.5K (2560 x 1600), 120Hz (VRR), UWVA, Anti-Glare, WLED + Low Blue Light, 400 nits, DCI-P3 100% + Adobe 100%, LCD Panel[11]
Webcam	FHD camera, 5MP HDR camera with Image Signal Processing (ISP) and AI Presence Detection + IR[31]
Audio	Audio by Poly Studio, dual stereo speakers, dual microphones enhanced by AI noise reduction[32]
Input Devices	HP Standard Keyboard – spill-resistant with optional backlit keyboard and Durakeys; Clickpad with multi-touch gesture support, Microsoft Precision Touchpad
Input/Connectivity	**Right side:** 1 x USB Type-A 5Gbps signaling rate[27] (Powered); 1 x Security lock slot; 1 x Nano SIM card slot (optional), 1 x RJ-45 (optional). **Left side:** 2 x USB Type-C® 10Gbps signaling rate[27] (USB Power Delivery, DisplayPort™ 3.1); 1 x USB Type-A 5Gbps signaling rate[27] (Powered); 1 x HDMI 2.1[28]; 1 x headphone/mic combo jack
Wireless technology	Mediatek RZ616 Wi-Fi 6E[25] and Bluetooth® 5.3 AIM-T wireless card; card; Mediatek MT7925 Wi-Fi 7[17,42] and Bluetooth® 6 wireless card Optional: Becks RW220-GL LTE (Low Power) (CAT-1bis); HP 5G Solution[5]; HP Go[4]
Power	HP 100W Wall Mount USB Type-C® GaN Halogen Free[20] AC power adapter[31] HP 65W Wall Mount USB Type-C® GaN Halogen Free AC power adapter[31] HP 65W Standard USB Type-C® GaN AC power adapter[31]
Weight & Dimensions	**14":** Starting at 1.36 kg, 3 lb with 56Wh battery (Weight will vary by configuration. Does not include power adapter.)

	318.6 mm (W) x 224.35 mm (D) x 10.9mm (front)/17mm (rear). Max height 19.9mm[29] 12.54 in (W) x 8.83 in (D) x 0.43 in (front) / 0.67 in (rear). Max height: 0.78 in[29] **16":** Starting at 1.69 kg, 3.73 lb with 56Wh battery (Weight will vary by configuration. Does not include power adapter.) 359.4 mm (W) x 251 mm (D) x 10.9mm (front)/17mm (rear). Max height 19.9mm[29] 14.15 in (W) x 9.88 in (D) x 0.43 in (front) / 0.67 in (rear). Max height: 0.78 in[29]
Color	Glacier Silver
Software	Buy Microsoft Office (Sold Separately); Edge Customization; HP Connection Optimizer; HP Hotkey Support; HP Mac Address Manager; HP Notifications; HP PC Hardware Diagnostics UEFI; HP PC Hardware Diagnostics Windows; HP Privacy Settings; HP Services Scan; HP Smart Support; HP Support Assistant; HSA Fusion for Commercial; HSA Telemetry for Commercial; HP app; Poly Lens; HP IQ[14,15]
Security & Manageability	Secured-Core PC Enable; Windows Hello Enhanced Sign-In Security (ESS); HP Wolf Security for Business[9], HP Sure Admin[33]; HP Sure Click[34]; HP Sure Recover[35]; HP Sure Run[36]; HP Sure Sense[37]; HP Sure Start[38]; HP Tamper Lock[39]; TPM 2.0 embedded security chip (Common Criteria EAL4+ and FIPS 140-2 Level 2 Certified); Absolute Persistence Module; Audio Permanent Disable; BIOS Update via Network; HP BIOS Recovery; HP BIOSphere; HP DriveLock & Automatic DriveLock; HP Secure Erase; HP Wake on WLAN; Optional: HP Fingerprint Sensor HP Client Catalog (download); HP Client Management Script Library (download); HP Cloud Recovery; HP Connect for Microsoft Endpoint Manager[12]; HP Driver Packs (download); HP Image Assistant (download); HP Manageability Integration Kit[26] (download); HP Power Manager with Battery Health Manager[13] (download)
Sustainable Impact Specifications	At least 50% recycled Aluminum[8], keycaps made with at least 50% post consumer recycled plastic[40]; Speaker box with ocean-bound plastic[41]; 100% sustainably sourced packaging[7]; Bulk packaging available; Low Halogen[20]; ENERGY STAR certified[43]; EPEAT Climate+™ Gold 2.0 in U.S.[23]; TCO Certified; Power Consumption Measurement[19]
Productivity and Tools	Copilot+ PC[1], HP IQ[14,15]; HP Wolf Security for Business[9], Built-in HP Endpoint Security Controller (ESC)[21], Smart Sense[22], Onlooker Detection[1,32]

DISCLAIMERS

1. Requires ISP+ camera that must be configured at purchase.
2. 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.
3. Features and software that require an 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. Performance varies by use, configuration, and other factors.
4. HP Go integrates pre-embedded carrier profiles, pre-activation processes, and pre-configured APNs at the factory, enabling seamless out-of-the-box connectivity. Requires 5G module and Windows support for carrier profile management and network selection. US subscription service ONLY.
5. 5G module is optional and must be configured at the factory. Module designed for 5G NR NSA (non-standalone) networks as carriers deploy Evolved-Universal Terrestrial Radio Access New Radio Dual Connectivity (ENDC) with both 100Mhz of 5G NR and LTE channel bandwidth, using 256QAM 4x4 as defined by 3GPP. Module requires activation and separately purchased service contract. Check with service provider for coverage and availability in your area. Data connection, upload and download speeds will vary due to network, location, environment, network conditions, and other factors. Backwards compatible to 4G LTE and 3G HSPA technologies. 5G module planned to be available in select platforms and select countries, where carrier supported.
6. For hard drives and solid-state drives, TB=1trillion bytes.
7. HP paper and fiber based packaging for PCs, displays, home and office print, and supplies is reported by suppliers as recycled or certified, with a minimum of 97% by volume verified by HP. Packaging is the box that comes with the product and all paper-based materials inside the box. Packaging for commercial, personal systems accessories, and spare parts is not included.
8. Recycled metal is expressed as a percentage of the total weight of the metal according to ISO 14021 definitions for metal parts over 25 grams.
9. HP Wolf Security for Business requires Windows 10 and higher, includes various HP security features and is available on HP Pro, Elite, Workstation, and RPOS products. See product details for included security features and OS requirements.
10. For systems configured with more than 3 GB of memory and a 32-bit operating system, all memory may not be available due to system resource requirements. Addressing memory above 4 GB requires a 64-bit operating system. Memory modules support data transfer rates up to 2666 MT/s, 2933 MT/s or 3200 MT/s as depending on processor config; with 1 DIMM per channel. Additional DIMM loading on any channel may impact maximum memory speed. Actual data rate is determined by the system's configured; See processor specifications for supported memory data rate.
11. All performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower.
12. HP Connect for Microsoft Endpoint Manager: HP Connect is available at admin.hp.com for HP Pro, Elite, Z and Point-of-Sale PCs managed with Microsoft Intune Service. Subscription to Microsoft Intune required and sold separately. Network connection required.
13. Battery Manager dashboard requires the HP app and Windows 10 and higher.
14. HP IQ will be available on G2 Commercial HP Next Gen AI PCs and AI PCs, and on select G1 Commercial Next Gen AI PCs and AI PCs. PC compatibility and availability subject to change without notice. Product compatibility may vary at launch. HP IQ feature set will vary by configuration.
15. HP IQ delivery app is preloaded on select HP PCs; it will be automatically updated to the future featured HP IQ application if you have auto updates enabled in Windows or will be available for download from the Microsoft Store. The future featured HP IQ app uses artificial intelligence. Features vary by configuration. For complete details see https://support.hp.com/us-en/document/ish_13696672-13696717-16 .
16. Multicore 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, branding and/or naming is not a measurement of higher performance.
17. Wireless access point and Internet service required and sold separately. Availability of public wireless access points limited. Wi-Fi 7 (802.11BE) functionality requires compatible Windows 11 OS, compatible processor, and separately purchased Wi-Fi 7 router to support backwards compatibility with prior 802.11 specs. Available in countries where Wi-Fi 7 is supported. The specification for 802.11BE is a draft specification and is not final. If the final specification differs from the draft specification, it may affect the ability of the device to communicate with other 802.11BE devices.
18. N/A

19. Power Consumption Measurement with real-time total power usage tracking will release in 2024 on our commercial notebook line. The energy consumption data is planned to be available to end users within the HP app and ITDMs via HP Proactive Insights in May 2024. Fleet management within HP Proactive Insights requires Windows 10 or higher and registration for the Workforce Experience platform at https://admin.hp.com. Some features and capabilities may require additional purchase of HP services and/or commercial hardware capable of supporting the HP Insights agent for Windows, Mac, & Android. Activation and restrictions may apply. Select HP Workforce Solutions require an HP Insights agent for Windows, Mac, & Android, available for download at https://admin.hp.com/software. For full system requirements and services that require the agent, please visit https://admin.hp.com/requirements. The agent collects telemetry and analytics around devices and applications that integrate into the Workforce Experience platform and is not sold as a standalone service. Internet access with connection to the Workforce Experience platform is required. HP follows stringent GDPR privacy regulations, and the platform is ISO27001, ISO27701, ISO27017 and SOC2 Type2 certified for Information Security.
20. External power supplies, power cords, cables and peripherals are not Low Halogen. Service parts obtained after purchase may not be Low Halogen.
21. Requires Windows 10 or higher. For supported HP PCs with the latest HP Endpoint Security Controller. See https://h20195.www2.hp.com/v2/GetDocument.aspx?docname=4AA8-3644ENW.
22. Smart Sense requires the HP app and Windows 11 OS. Features may vary by platform.
23. This applies to EPEAT Registered products that meet Global Electronics Council, Sustainable Use of Resources Criteria (EPEAT–SUR–2025), January 29, 2025. Available at www.gec.org. EPEAT tier levels may vary by country. See www.epeat.net for registration status and tier levels by country. Based on US EPEAT® registration according to IEEE 1680.1-2018 EPEAT®. EPEAT® status varies by country. See www.epeat.net for registration status and tier levels by country.
24. Touch will reduce actual brightness
25. Wi-Fi® supporting gigabit data rate is achievable with Wi-Fi 6E (802.11ax) when transferring files between two devices connected to the same router. Requires a wireless router, sold separately, that supports 160MHz channels.
26. HP Manageability Integration Kit can be downloaded from http://www8.hp.com/us/en/ads/clientmanagement/overview.html
27. Actual throughput may vary.
28. HDMI 2.1 Support resolution up to 4K @60 Hz.
29. Front height measurement is near the front edge where the chassis bottom cover taper begins. Back height measurement is near the back edge where the chassis bottom cover taper ends, excluding transition area to rubber feet.
30. For storage drives, GB = 1 billion bytes. Actual formatted capacity is less. Up to 30 GB (for Windows) is reserved for system recovery software.
31. Optional feature must be configured at time of purchase.
32. Requires the HP application and Windows OS.
33. HP Sure Admin requires Windows 10 and HP BIOS.
34. HP Sure Click requires Windows 10 and higher. See https://bit.ly/2PrLT6A_SureClick for complete details.
35. HP Sure Recover is available on select HP PCs and requires Windows 10 and an open network connection. You must back up important files, data, photos, videos, etc. before using HP Sure Recover to avoid loss of data. Network based recovery using Wi-Fi is only available on PCs with Intel Wi-Fi Module.
36. HP Sure Run is available on select Windows 10 Pro and higher based HP Pro, Elite and Workstation PCs with select Intel® or AMD processors.
37. HP Sure Sense is available on select HP PCs with Windows 10 Pro, Windows 10 Enterprise, Windows 11 Pro, or Windows 11 Enterprise OS.
38. HP Sure Start is available on select HP PCs and requires Windows 10 Pro and higher
39. HP Tamper Lock must be enabled by the customer or your administrator.
40. Recycled plastic content percentage is based on the definition set in the IEEE 1680.1-2018 EPEAT standard.
41. Percentage of ocean-bound plastic contained in each component varies by product. Ocean Bound plastic is expressed as a percentage of the total weight plastic. Ocean Bound plastic is based on the definition set by the UL2809 standard.
42. Wi-Fi® supporting gigabit data rate is achievable with Wi-Fi 7 (802.11BE) when transferring files between two devices connected to the same router. Requires a wireless router, sold separately, that supports 160MHz channels.
43. ENERGY STAR® certified products meet strict energy efficiency guidelines set by the U.S. Environmental Protection Agency. ENERGY STAR® and the ENERGY STAR® logo are registered trademarks of the U.S. Environmental Protection Agency.
44. N/A
45. Actual battery life will vary with use and environmental conditions, and will naturally decrease with time and usage.