# HP ProBook 4 G1q 14" Notebook Next Gen AI PC

**Ⓝ  ✦ Copilot+PC**

*Key Experiences and Product Specs*

The HP ProBook 4 G1q Next Gen AI PC[2] is the next evolution of intelligent hybrid work, built on AI power for remote collaborators and support professionals.

## Key Product Experiences

**Engineered for long lasting productivity from anywhere:** Equip your business with advanced AI technology and streamline AI tasks with the latest energy-efficient Snapdragon® X (8C)[3] which include a 45 TOPS NPU[4] and up to 32GB of LPDDR5x memory[6], built for demanding business operations. Ask AI, analyze your documents, and manage settings with HP AI Companion[7], redesigned for local AI processing. Keep your queries private with a redesigned UI that lets you toggle between 'On device'[8] and 'Cloud'.[9] Benefit from a quiet, cool experience, even during intensive use. Experience the convenience of a long-lasting battery life and the freedom to work on the go without the need for constant charging.

**Empowered collaboration for the diverse, hybrid workforce:** Move freely and interact naturally using speakers tuned by Poly Studio with AI-Based Noise Reduction[10] and a 5MP camera with automatic framing. Look your best on video calls and manage your video controls for internal and external cameras with Poly Camera Pro[11]. Now Auto Frame, Spotlight, Background Blur, and virtual backgrounds save power running on the NPU. New in 2025, Poly Camera Pro will feature multi-camera support, presenter overlay, streaming integrations[12], and AI Magic Background[13], which uses AI to customize your real-life background. Maximize your performance with HP onlooker detection, Auto Lock & Awake, Adaptive Color Brightness, and other HP features.

**Work with peace of mind:** Enhanced security and privacy comes with local AI since data is processed on the device, rather than the cloud. HP's Wolf Security[40] features like Sure Click[14] and Sure Sense[15] enable modern multi-layered and next-generation antivirus to protect your growing businesses from attacks.

## Product Specs:

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|---|---|
| **Operating System** | Windows 11 Pro[16] |
| **Processor(s)** | Qualcomm Snapdragon® X  X1-26-100[3]<br>Up to 45 TOPS NPU[4] |
| **Graphics** | Qualcomm® Adreno™ GPU |
| **Memory** | Up to 32GB LPDDR5X[6] |
| **Internal Storage** | 256 GB up to 1 TB PCIe® NVMe™ M.2 SSD[17] |
| **Display** | 14" diagonal, WUXGA (1920 x 1200), UWVA, Anti-Glare, 300 nits, sRGB 62.5%, low power, LCD Panel;[18,38]<br>14" diagonal, WUXGA (1920 x 1200), touch, UWVA, Anti-Glare, 300 nits, sRGB 62.5%, low power, LCD Panel; [18,19,38]<br>14" diagonal, WUXGA (1920 x 1200), UWVA, Anti-Glare, WLED + Low Blue Light, 400 nits, sRGB 100%, low power, LCD Panel[18,38] |
| **Webcam** | FHD camera; 5MP+IR camera; AI ISP camera[20] |
| **Audio** | Audio by Poly Studio[21], dual stereo speakers, dual microphones enhanced by AI noise reduction[10] |
| **Input Devices** | HP Standard Keyboard – spill-resistant with optional backlit keyboard and Durakeys; Clickpad with multi-touch gesture support, Microsoft Precision Touchpad |
| **Input/Connectivity** | 2 USB4 with USB Type-C® 40Gbps signaling rate[22] (USB Power Delivery, DisplayPort™ 1.4)[16]; 2 USB Type-A 5Gbps signaling rate[22] (1 charging,1 power); 1 HDMI 2.1[23, 24]; 1 stereo headphone/microphone combo jack; RJ45 |
| **Wireless technology** | Qualcomm® Fast Connect™ 7800 Wi-Fi 7 (2x2)[25] and Bluetooth® 5.4 wireless card<br>Qualcomm® Fast Connect™ 6900 Wi-Fi 6E (2x2)[26] and Bluetooth® 5.3 wireless card |
| **Power Requirements** | HP Long Life 3-cell, 56 Wh polymer[27]<br>HP 65 W USB Type-C® adapter; HP 65 W USB Type-C® Halogen Free adapter |
| **Weight and Dimensions** | Starting weight 1.448kg (3.19 lbs); (Does not include power adapter.)[28]<br>318.6 mm (W) x 224.4 mm (D) x 10.9 mm (front)/ 17 mm (rear)<br>Maximum height 20.9 mm[29,30] |
| **Color** | Silver |
| **Software** | MyHP[21]; HP AI Companion[7]; Poly Camera Pro[11]; Poly Lens; HP Hotkey Support; HP Privacy Settings; HP PC Hardware Diagnostics Windows;  HSA Fusion for Commercial;  Windows Studio (MEP) Enablement; Microsoft Copilot[31]; MS Presence Sensing |
| **Sustainable Impact Specifications** | 50% recycled Aluminum in the A, C, and D covers[32], 50% post-consumer recycled plastic in the keycaps[33], 20% ocean bound plastic[34] + 30% PCR in speaker box[33], and the outer box packaging is 100% sustainably sourced and recyclable[37]; Low Halogen[36]; EPEAT® Gold registered in the U.S.[35], ENERGY STAR® certified; TCO Certified; CECP; SEPA |
| **Security & Manageability** | HP Sure Sense[15]; HP Sure Click[14]; MS Pluton; Microsoft Secured-Core PC; Hardware TPM; Security lock slot<br>HP Image Assistant; HP CMSL |
| **Productivity and Tools** | Copilot+ PC[1]; HP AI Companion[7]; Poly Camera Pro[11] |

**Disclaimers:**

1. Copilot+ PC: On some devices, some Copilot+ PC experiences require free updates continuing to roll out through early 2025. Timing varies by device and region. See aka.ms/copilotpluspcs. Copilot is NOT available in China, Russia, Belarus, and embargoed regions Cuba, Iran, North Korea, Crimea.
2. Next Gen AI PC with 40 to 60 TOPS NPU to enable local AI processing.
3. 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. Qualcomm's numbering is not a measurement of clock speed.
4. AI applications 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. Potential NPU inferencing performance varies by use, configuration, and other factors
5. N/A
6. 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.
7. HP AI Companion is available preloaded on select HP next gen AI PCs or is available for download from the Microsoft store, requires a HP next gen AI PC with a NPU supporting 40-60 TOPS, with 16GB or more of storage, 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. Ten (10) library 100MB limit each, supported files may vary and at launch include pdf, .txt., .docx files.
8. For 'On device' AI use, your HP Next Gen AI PC requires 32GB RAM and will require up to 4.5GB storage on your PC.
9. 'On device' mode uses a downloaded LLM Phi 3.5 to process queries locally and does not require an internet connection. 'Cloud' mode uses GPT-4o to process queries online and requires an internet connection.
10. Requires myHP and Windows OS.
11. Poly Camera Pro requires Windows OS.
12. To enable Poly Camera Pro effects on any collaboration or streaming app, you must select the "Poly Camera Pro" virtual camera as your camera source.
13. AI Magic Background runs on the GPU when initially generating your background in Poly Camera Pro. The NPU is used for streaming your restyled background in your collaboration applications.
14. HP Sure Click requires Windows 10 and higher. See https://bit.ly/2PrLT6A_SureClick for complete details.
15. HP Sure Sense is available on select HP PCs with Windows 10 Pro, Windows 10 Enterprise, Windows 11 Pro, or Windows 11 Enterprise OS.
16. 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.
17. For storage drives, GB = 1 billion bytes. Actual formatted capacity is less. Up to 30 GB (for Windows) is reserved for system recovery software.
18. WUXGA (1920x1200) or WQXGA (2560x1600) content required to view WUXGA or WQXGA images.
19. Touchscreen will reduce actual brightness.
20. Optional feature must be configured at time of purchase.
21. Requires Windows OS.
22. Actual throughput may vary
23. HDMI cable sold separately.
24. HDMI 2.1 Support resolution up to 4K @60 Hz
25. 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.
26. Wi-Fi 6E requires a Wi-Fi 6E router, sold separately, to function in the 6GHz band. Availability of public wireless access points limited. Wi-Fi 6E is backwards compatible with prior 802.11 specs. And available in countries where Wi-Fi 6E is supported.
27. 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.
28. Actual weight will vary by configuration.
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. Dimensions may vary by configuration.
31. Timing of feature delivery and availability varies by market and device. Requires Microsoft account to log in.
   See aka.ms/copilotpluspcs. Copilot is NOT available in China, Russia, Belarus, and embargoed regions Cuba, Iran, North Korea, Crimea.
32. 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

33.  Recycled plastic content percentage is based on the definition set in the IEEE 1680.1-2018 EPEAT standard.
34.  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
35.  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.
36.  External power supplies, WWAN modules, power cords, cables and peripherals excluded. Service parts obtained after purchase may not be Low Halogen.
37.  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.
38.  All performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower.
39.  N/A
40.  HP Wolf Security for Business requires Windows 10 or 11 Pro 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.