

## HP EliteBook 6 G1a 14" Notebook Next Gen AI PC



### *Key Experiences and Product Specs*



Frontline professionals and office support staff performing administrative work can accomplish more in less time with a next-gen AI PC.<sup>5</sup>

#### **Key Product Experiences**

**Provide local AI solutions for your most demanding users:** Enable efficient segmentation of AI computing needs across your organization and enhance productivity and unlock new possibilities with an AMD Ryzen<sup>®</sup> processor<sup>2</sup> with up to 50 TOPS NPU.<sup>3</sup> Empower users to make informed decisions and take on more complex challenges with Microsoft Copilot<sup>4,9</sup> and HP AI Companion<sup>6</sup>, redesigned for local AI processing. Keep your queries private with a redesigned UI that lets you toggle between 'On device'<sup>7</sup> and 'Cloud'.<sup>8</sup>

**Next-gen AI productivity and collaboration experiences:** Remove barriers to collaboration for global teams with this Copilot+ PC,<sup>1</sup> Live Captions,<sup>50</sup> and Poly Studio tuned speakers. Look your best on video calls and manage your video controls for internal and external cameras with Poly Camera Pro.<sup>9</sup> Now Auto Frame<sup>45</sup>, 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<sup>10</sup>, and AI Magic Background<sup>11</sup>, which uses AI to customize your real-life background. Enjoy all day cool & quiet performance even while video conferencing. Collaborate more with up to 2TB SSD<sup>15</sup>, 64 GB DDR5-5600 SDRAM<sup>14</sup> and configurable ports, including a smart card reader.

**Protected by HP Wolf Security:** HP Wolf Security for Business<sup>29</sup> creates a hardware-enforced, always-on, resilient defense. From the BIOS to the browser, above, in, and below the OS, these constantly evolving solutions help protect your PC from modern threats.

**Product Specs:**

<b>Operating System</b>	Windows 11 Pro <sup>13</sup>
<b>Processor(s)</b>	AMD Ryzen™ 300 series AI 5 Pro/non-Pro <sup>2</sup> AMD Ryzen™ 300 series AI 7 Pro/non-Pro <sup>2</sup> Up to 50 TOPS NPU <sup>3</sup>
<b>Graphics</b>	Integrated AMD Radeon™ Graphics; No discrete option
<b>Memory</b>	Up to 64 GB DDR5-5600 SDRAM <sup>14</sup>
<b>Internal Storage</b>	512 GB up to 2 TB PCIe® Gen4x4 NVMe™ M.2 SSD TLC; 256 GB up to 512 GB PCIe® 2280 NVMe™ M.2 SSD <sup>15</sup> 256 GB up to 1 TB PCIe® Gen4x4 NVMe™ SED OPAL2 TLC <sup>15</sup>
<b>Display</b>	14" diagonal, WUXGA (1920 x 1200), UWVA, Anti-Glare, 300 nits, sRGB 62.5%, low power, LCD Panel <sup>53</sup> 14" diagonal, WUXGA (1920 x 1200), touch, UWVA, Anti-Glare, 300 nits, sRGB 62.5%, low power, LCD Panel <sup>53</sup> 14" diagonal, WUXGA (1920 x 1200), UWVA, Anti-Glare, WLED + Low Blue Light, 400 nits, sRGB 100%, low power, LCD Panel <sup>53</sup> 14" diagonal, WUXGA (1920 x 1200), UWVA, Anti-Glare, Low Blue Light, 800 nits, sRGB 100%, Sure View 5 <sup>16</sup> LCD Panel <sup>53</sup> 14" diagonal, 2.5K (2560 x 1600), UWVA, Anti-Glare, WLED + Low Blue Light, 400 nits, DCI-P3 100% + Adobe 100%, LCD Panel <sup>53</sup>
<b>Webcam</b>	FHD camera (select models); 5 MP IR camera (select models)
<b>Audio</b>	Audio by Poly Studio, dual stereo speakers, dual microphones enhanced by AI noise reduction <sup>43</sup>
<b>Input Devices</b>	Spill-resistant, optional backlit keyboard with DuraKeys ; Clickpad with multi-touch gesture support; Microsoft Precision Touchpad
<b>Input/Connectivity</b>	2 Thunderbolt™ 4 with USB Type-C® 40Gbps signaling rate <sup>17</sup> (USB Power Delivery, DisplayPort™ 1.4); 2x USB Type-A 5Gbps signaling rate <sup>17</sup> (Powered); 1x HDMI 2.1; 1x stereo headphone/microphone combo jack; 1x RJ45; Optional Ports: 1x External Nano SIM slot; 1 Smartcard reader
<b>Wireless technology</b>	HP Module with NXP NFC Controller NPC300 I2C NCI; Mediatek RZ616 Wi-Fi 6E <sup>46</sup> and Bluetooth® 5.3 wireless card; Realtek 8852CE Wi-Fi 6E <sup>46</sup> +Bluetooth 5.3 wireless card; Mediatek MT7925 Wi-Fi 7 <sup>21</sup> and Bluetooth® 5.4 wireless card; Optional Qualcomm 9205 LTE-M (CAT-M1 fSVC); HP 4G LTE-Advanced Pro <sup>22</sup>
<b>Power Requirements</b>	HP Long Life 3-cell, 48 Wh polymer <sup>24</sup> ; HP Long Life 3-cell, 56 Wh polymer <sup>24</sup> HP 65 W USB Type-C® adapter; HP 65 W USB Type-C® Halogen Free adapter; HP 100 W USB Type-C® slim adapter
<b>Weight and Dimensions</b>	318.6 mm x 224.4 mm x 10.9 mm (front) / 17.0 mm (rear); Maximum height: 19.9cm (12.54 in x 8.83 in x 0.43 in (front) / 0.67 in (rear); Maximum height: 0.78 in) <sup>26,27</sup> Starting at 1.38 kg (3.04 lb) <sup>25</sup>
<b>Color</b>	Silver
<b>Software</b>	HP Connection Optimizer; HP Hotkey Support; HP MAC Address Manager; HP Support Assistant; HP Power Manager <sup>56</sup> ; myHP <sup>28</sup> ; HP Privacy Settings; Touchpoint Customizer for Commercial; HP Notifications;; HP PC Hardware Diagnostics Windows; Buy Microsoft Office (Sold separately); HP AI Companion <sup>6</sup> ; Poly Camera Pro <sup>9</sup> ; Microsoft Copilot <sup>49</sup>
<b>Sustainable Impact Specifications</b>	At least 50% recycled Aluminum (vary by configuration) <sup>37</sup> ; Keycaps made with at least 50% PCR plastic <sup>38</sup> ; Speaker box with ocean-bound plastic <sup>39</sup> ; 100% sustainably sourced or recycled packaging <sup>48</sup> ; Bulk packaging available; Low Halogen <sup>47</sup> ; EPEAT® Climate+™ Gold registered in US <sup>40</sup> , ENERGY STAR® certified; TCO Certified; GS Mark Certified; Power Consumption Measurement <sup>41</sup> .

<p><b>Security &amp; Manageability</b></p>	<p>Absolute persistence module; HP DriveLock and Automatic DriveLock; HP Secure Erase; HP Sure Click<sup>30</sup>; HP Sure Sense<sup>31</sup>; BIOS Update via Network; Optional Hardened Touch Fingerprint Sensor (FPS)<sup>18</sup>; HP Sure Admin<sup>32</sup>; HP BIOSphere<sup>55</sup>; HP Client Security Manager<sup>33</sup> ; TPM 2.0 embedded security chip (Common Criteria EAL4+ and FIPS 140-2 Level 2 Certified); HP Sure Start<sup>34</sup>; HP Wake on WLAN; HP Tamper Lock<sup>51</sup> HP Sure Run<sup>52</sup>; HP Sure Recover<sup>35</sup>; Secured-Core PC Enable; Security lock slot HP Manageability Integration Kit<sup>36</sup>;HP Driver Packs; BIOS Config Utility (BCU); HP Client Catalog, HP Image Assistant; HP Connect for Microsoft Endpoint Manager<sup>54</sup></p>
<p><b>Productivity and Tools</b></p>	<p>Copilot+ PC<sup>1</sup>; HP AI Companion<sup>6</sup>; Poly Camera Pro<sup>9</sup>, HP Wolf Security for Business<sup>29</sup>, Built-in HP Endpoint Security Controller (ESC)<sup>42</sup>, Onlooker Detection<sup>43,44</sup> with auto Sure View<sup>16</sup></p>

**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](https://aka.ms/copilotpluspcs). Copilot is NOT available in China, Russia, Belarus, and embargoed regions Cuba, Iran, North Korea, Crimea.
2. 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. 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
4. N/A
5. Next Gen AI PC with 40 to 60 TOPS NPU to enable local AI processing.
6. 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.
7. 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.
8. '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.
9. Poly Camera Pro requires Windows OS.
10. 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.
11. 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.
12. N/A
13. 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>.
14. 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.
15. For storage drives, GB = 1 billion bytes. Actual formatted capacity is less. Up to 30 GB (for Windows) is reserved for system recovery software.
16. HP Sure View integrated privacy screen is an optional feature that must be configured at purchase and is designed to function in landscape orientation.
17. Actual throughput may vary
18. Optional feature must be configured at time of purchase.
19. HDMI cable sold separately.
20. HDMI 2.1 Support resolution up to 4K @60 Hz
21. 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.
22. 4G LTE module is optional, must be configured at the factory, requires activation and separately purchased service contract. Check with service provider for coverage and availability in your area. Connection, upload and download speeds will vary due to network, location, environment, network conditions, and other factors. 4G LTE not available on all products, in all regions.
23. N/A
24. 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.
25. Actual weight will vary by configuration.
26. 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.
27. Dimensions may vary by configuration.
28. Requires Windows OS.
29. 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.
30. HP Sure Click requires Windows 10 and higher. See [https://bit.ly/2PrLT6A\\_SureClick](https://bit.ly/2PrLT6A_SureClick) for complete details.
31. HP Sure Sense is available on select HP PCs with Windows 10 Pro, Windows 10 Enterprise, Windows 11 Pro, or Windows 11 Enterprise OS.
32. HP Sure Admin requires Windows 10 and HP BIOS
33. HP Client Security Manager Gen6/Gen7 requires Windows and is available on the select HP Elite and Pro PCs.
34. HP Sure Start is available on select HP PCs and requires Windows 10 Pro and higher

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 Manageability Integration Kit can be downloaded from <http://www8.hp.com/us/en/ads/clientmanagement/overview.html>
37. 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
38. Recycled plastic content percentage is based on the definition set in the IEEE 1680.1-2018 EPEAT standard.
39. 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
40. Based on US EPEAT® registration according to IEEE 1680.1-2018 EPEAT®. EPEAT® status varies by country. See [www.epeat.net](http://www.epeat.net) for registration status and tier levels by country.
41. 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 myHP 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.
42. Requires Windows 10 or higher. For supported HP PCs with the latest HP Endpoint Security Controller
43. Requires the myHP and Windows OS.
44. Requires ISP+ camera that must be configured at purchase
45. Auto framing is run on the GPU for AMD devices.
46. 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.
47. External power supplies, WWAN modules, power cords, cables and peripherals excluded. Service parts obtained after purchase may not be Low Halogen.
48. 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.
49. Timing of feature delivery and availability varies by market and device. Requires Microsoft account to log in. See [aka.ms/copilotpluspcs](https://aka.ms/copilotpluspcs). Copilot is NOT available in China, Russia, Belarus, and embargoed regions Cuba, Iran, North Korea, Crimea.
50. Currently supports translation for video and audio subtitles into English from 40+ languages. See <https://aka.ms/nextgenaipcs>
51. HP Tamper Lock requires a supervisor password be established prior to use.
52. HP Sure Run is available on select HP PCs and requires Windows 11.
53. All performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower.
54. HP Connect is available at [admin.hp.com](http://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.
55. HP BIOSphere Gen6 requires Windows 10 and is available on select HP Pro and Elite PCs. Features may vary depending on the platform and configurations.
56. HP Power Manager requires Windows 10 and higher and can be downloaded from the Microsoft Store.

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