

HP EliteBook 6 G1a 14" Notebook AI PC HP EliteBook 6 G1a 16" Notebook AI PC



Key Experiences and Product Specs



Frontline professionals and office support staff performing administrative work can accomplish more in less time with the power of AI.

Key Product Experiences

Provide AI power for your most demanding users: Enable efficient segmentation of AI computing needs across your organization and elevate work with an AMD Ryzen® processor¹ with an NPU providing up to 16 TOPS.² Empower users to make informed decisions and take on more complex challenges with Microsoft Copilot⁴.

Enhanced conferencing and collaboration experience: Remove barriers to collaboration for global teams with Poly Studio tuned speakers with AI Noise Reduction⁶ and a 5MP camera allow for clear and productive conversations. Look your best on video calls and manage your video controls for internal and external cameras with Poly Camera Pro.³⁸ Now Auto Frame⁴², 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 integrations³⁹, and AI Magic Background⁴⁰, which uses AI to customize your real-life background.

Protected by HP Wolf Security: HP Wolf Security for Business⁷ 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:

Operating System	Windows 11 Pro ⁸
Processor(s)	AMD Ryzen™ 200 series Ryzen 5 non-Pro ¹ AMD Ryzen™ 200 series Ryzen 7 Pro/non-Pro ¹ Up to 16 TOPS ²
Graphics	Integrated AMD Radeon™ Graphics; No discrete option
Memory	Up to 64 GB DDR5-5600 SDRAM ⁹
Internal Storage	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 ¹⁰ 256 GB up to 1 TB PCIe® Gen4x4 NVMe™ SED OPAL2 TLC ¹⁰
Display	14": 14" diagonal, WUXGA (1920 x 1200), UWVA, Anti-Glare, 300 nits, sRGB 62.5%, low power, LCD Panel ⁴⁵ 14" diagonal, WUXGA (1920 x 1200), touch, UWVA, Anti-Glare, 300 nits, sRGB 62.5%, low power, LCD Panel ⁴⁵ 14" diagonal, WUXGA (1920 x 1200), UWVA, Anti-Glare, WLED + Low Blue Light, 400 nits, sRGB 100%, low power, LCD Panel ⁴⁵ 14" diagonal, WUXGA (1920 x 1200), UWVA, Anti-Glare, Low Blue Light, 800 nits, sRGB 100%, Sure View 5 ¹¹ LCD Panel ⁴⁵ 14" diagonal, 2.5K (2560 x 1600), UWVA, Anti-Glare, WLED + Low Blue Light, 400 nits, DCI-P3 100% + Adobe 100%, LCD Panel ⁴⁵ 16": 16" diagonal, WUXGA (1920 x 1200), UWVA, Anti-Glare, 300 nits, sRGB 62.5%, LCD Panel ⁴⁵ 16" diagonal, WUXGA (1920 x 1200), touch, UWVA, Anti-Glare, 300 nits, sRGB 62.5%, LCD Panel ⁴⁵ 16" diagonal, WUXGA (1920 x 1200), UWVA, Anti-Glare, WLED + Low Blue Light, 400 nits, sRGB 100%, low power, LCD Panel ⁴⁵ 16" diagonal, WUXGA (1920 x 1200), UWVA, Anti-Glare, Low Blue Light, 800 nits, sRGB 100%, Sure View 5 ¹¹ LCD Panel ⁴⁵ 16" diagonal, 2.5K (2560 x 1600), UWVA, Anti-Glare, WLED + Low Blue Light, 400 nits, DCI-P3 100% + Adobe 100%, LCD Panel ⁴⁵ (Availability may vary by country)
Webcam	FHD camera (select models); 5 MP IR camera (select models) ¹²
Audio	Audio by Poly Studio ¹³ , dual stereo speakers, dual microphones enhanced by AI noise reduction ⁶
Input Devices	Spill-resistant, optional backlit keyboard with DuraKeys ; Clickpad with multi-touch gesture support; Microsoft Precision Touchpad
Input/Connectivity	2 Thunderbolt™ 4 with USB Type-C® 40Gbps signaling rate ¹⁴ (USB Power Delivery, DisplayPort™ 1.4); 2x USB Type-A 5Gbps signaling rate ¹⁴ (Powered) ⁵⁰ ; 1x HDMI 2.1 ^{43,44} ; 1x stereo headphone/microphone combo jack; 1x RJ45; Optional Ports: 1x External Nano SIM slot; 1 Smartcard reader
Wireless technology	HP Module with NXP NFC Controller NPC300 I2C NCI; Mediatek RZ616 Wi-Fi 6E ¹⁵ and Bluetooth® 5.3 wireless card; Realtek 8852CE Wi-Fi 6E ¹⁵ +Bluetooth 5.3 wireless card; Mediatek MT7925 Wi-Fi 7 ¹⁶ and Bluetooth® 5.4 wireless card; Optional Qualcomm 9205 LTE-M (CAT-M1 fSVC); HP 4G LTE-Advanced Pro ¹⁷
Power Requirements	HP Long Life 3-cell, 48 Wh polymer; HP Long Life 3-cell, 56 Wh polymer ¹⁸ HP 65 W USB Type-C® adapter; HP 65 W USB Type-C® Halogen Free adapter
Weight and Dimensions	14": Starting at 1.38 kg / 3.04 lb ¹⁹ 318.6 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 ^{20,21} 16": Starting at 1.74 kg / 3.84 lb ¹⁹ 359.4 mm x 251 mm x 10.9 mm (front) / 17.0 mm (rear); Maximum height: 19.9 mm

	14.15 in x 9.88 in x 0.43 in (front) / 0.67 in (rear) Maximum height: 0.78 in ^{20,21}
Color	Silver
Software	HP Connection Optimizer; HP Hotkey Support; HP MAC Address Manager; HP Support Assistant; HP Power Manager ⁴⁷ ; myHP ¹³ ; HP Privacy Settings; Touchpoint Customizer for Commercial; HP Notifications; HP PC Hardware Diagnostics Windows; Buy Microsoft Office (Sold separately)
Sustainable Impact Specifications	EPEAT® Climate+™ Gold registered in US ²⁵ , 50% recycled aluminum ²² , keycaps made with 50% PCR plastic ²³ ; Speaker box with ocean-bound plastic ²⁴ ; 100% sustainably sourced or recycled packaging ²⁸ ; Bulk packaging available; Low Halogen ²⁷ ; ENERGY STAR certified; TCO Certified; Power Consumption Measurement ²⁶ .
Security & Manageability	Absolute persistence module; HP DriveLock and Automatic DriveLock; HP Wolf Security for Business ⁷ ; Built-in HP Endpoint Security Controller (ESC) ⁴¹ ; HP Secure Erase; HP Sure Click ²⁹ ; HP Sure Sense ³⁰ ; BIOS Update via Network; HP Sure Admin ³¹ ; HP BIOSphere ⁴⁶ ; HP Client Security Manager ³² ; TPM 2.0 embedded security chip (Common Criteria EAL4+ and FIPS 140-2 Level 2 Certified); HP Sure Start ³³ ; HP Wake on WLAN; HP Tamper Lock ³⁶ ; HP Sure Run ³⁷ ; HP Sure Recover ³⁴ ; Secured-Core PC Enable; Security lock slot ; Optional Hardened Touch Fingerprint Sensor (FPS) ¹²
Productivity and Tools	Poly Camera Pro ³⁸

Disclaimers:

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.
2. 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
3. N/A
4. May require Windows Update or app download from the Microsoft Store. Microsoft Copilot is NOT available in China, Russia, Belarus, and embargoed regions Cuba, Iran, North Korea, Crimea.
5. N/A
6. Requires myHP and Windows OS.
7. 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.
8. 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>.
9. 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.
10. For storage drives, GB = 1 billion bytes. Actual formatted capacity is less. Up to 30 GB (for Windows) is reserved for system recovery software.
11. HP Sure View integrated privacy screen is an optional feature that must be configured at purchase and is designed to function in landscape orientation.
12. Optional feature must be configured at time of purchase.
13. Requires Windows OS.
14. Actual throughput may vary
15. 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.
16. 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.
17. 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.
18. 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.
19. Actual weight will vary by configuration.
20. 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.
21. Dimensions may vary by configuration.
22. 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
23. Recycled plastic content percentage is based on the definition set in the IEEE 1680.1-2018 EPEAT standard.
24. 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
25. 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.
26. 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 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.
27. External power supplies, WWAN modules, power cords, cables and peripherals excluded. Service parts obtained after purchase may not be Low Halogen.
 28. 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.
 29. HP Sure Click requires Windows 10 and higher. See https://bit.ly/2PrLT6A_SureClick for complete details.
 30. HP Sure Sense is available on select HP PCs with Windows 10 Pro, Windows 10 Enterprise, Windows 11 Pro, or Windows 11 Enterprise OS.
 31. HP Sure Admin requires Windows 10 and HP BIOS
 32. HP Client Security Manager Gen6/Gen7 requires Windows and is available on the select HP Elite and Pro PCs.
 33. HP Sure Start is available on select HP PCs and requires Windows 10 Pro and higher
 34. 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.
 35. N/A
 36. HP Tamper Lock must be enabled by the customer or your administrator.
 37. 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.
 38. Poly Camera Pro requires Windows OS.
 39. 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.
 40. 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.
 41. Requires Windows 10 or higher. For supported HP PCs with the latest HP Endpoint Security Controller
 42. Auto framing is run on the GPU for AMD devices.
 43. HDMI cable sold separately.
 44. HDMI 2.1 Support resolution up to 4K @60 Hz
 45. All performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower.
 46. 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.
 47. HP Power Manager requires Windows 10 and higher and can be downloaded from the Microsoft Store.

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