HP EliteBoard G1a Next Gen AI PC

A Copilot+PC[1]

Key Experiences and Product Specs

Redefine minimalism with the AI PC that hides in plain sight.

Key Product Experiences

- **Minimalism that maximizes your workflow.** An incognito desktop AI PC with dual mics and speakers all built into a sleek keyboard—designed to reclaim your desk, simplify your setup and support daisy chained dual 4K monitors[2] without the clutter and tangled wires.
- **Protection that starts before the threat.** Keep your AI workflows private with HP Wolf Security for Business[3] that creates a resilient, hardware-enforced defense by detecting, isolating and self-healing the BIOS from today's firmware attacks and tomorrow's quantum threats.
- **Adaptable AI that works like you do.** Take on demanding enterprise workloads and emerging AI applications[4] with an AI PC intelligently tuned to analyze, create, and optimize with up to 50 TOPS[5] of local AI performance that adapts to you, powered by an optional built-in battery.[6]
- **Help protect our shared future.** Future forward craftsmanship with less to build, less to ship, and less on your desk. Up to 75% recycled plastic[7] in the enclosure, at least 70% recycled plastic[8], including 5% ocean bound plastic in the key caps and keyboard membrane, all in 100% recyclable packaging.[9, 32]

Product Specs:

Operating System	Windows 11 Home[10] Windows 11 Pro[10]
Processor(s)[11]	• AMD Ryzen™ AI 7 350 PRO 8C (AIM-T) • AMD Ryzen™ AI 5 340 PRO 6C (AIM-T) • AMD Ryzen™ AI 5 330 4C (non-AIM-T)
Graphics	Integrated AMD Radeon® 800 series graphics displaying up to 4 4K displays at 60Hz
TOPS Performance	Up to 50 TOPS NPU
Memory	DDR5 SODIMM x2 up to 64GB, DDR5 5600 MT/s[12]
Internal Storage	Up to 2TB PCIe Gen 4 NVMe M.2 SSD[13] Up to 512GB PCIe Gen 4 NVMe M.2 SED Opal SSD[13] 32GB eMMC v5.0 Embedded Flash Storage[13] (only with AI 7 350 APU)
Audio	• Stereo speakers (72dBL, 450Hz bass roll-off) • Stereo front facing, normal-SNR microphones
Input/Connectivity	**Rear Ports (with Detached Cable)** • 1 x USB4® (data transfer up to 40Gbps signaling rate[14], 65W power delivery, DisplayPort™ 2.1) • 1 x USB-C® 3.2 gen 2 (data transfer up to 10Gbps signaling rate[14], 65W power delivery, DisplayPort™ 1.4) **Rear Ports (with Attached Cable)** • 1 x Internally secured, tethered USB4® (data transfer up to 40Gbps signaling rate[14], 65W power delivery, DisplayPort™ 2.1) • 1 x USB4® (data transfer up to 40Gbps signaling rate[14], 65W power delivery, DisplayPort™ 2.1) • 1 x USB-C® 3.2 gen 2 (data transfer up to 10Gbps signaling rate[14], 65W power delivery, DisplayPort™ 1.4)
Wireless technology	• MediaTek RZ616 Wi-Fi 6E[15,27] + Bluetooth® 5.3 wireless card, • MediaTek MT7925 Wi-Fi 7[16,17] + Bluetooth® 6.0 wireless card
Power & Battery	• 65 Watt USB-C® wall-mount ultra-compact external power adapter (gallium nitride) with 2-meter USB-C cable • Up to 65 Watts of passthrough power delivery via USB4® cable when connected to a compatible HP Docking hub or select HP Pro display. • Configurable with 32Whr replaceable battery for 3.5+ hours of standard productivity and 2+ days in S4 idle mode[33] • Real Time Carbon Footprint Data (AC Current Sensor) • AMD Auto State Management • HP System Resource Optimizer
Weight[18] and Dimensions	**Starting Weight** • **Detached cable / No battery :** 1.49 lbs (676g) • **Detached cable / Battery :** 1.69 lbs (768g) • **Attached cable / No battery :** 1.60 lbs (726g) **Dimensions** 14.1 in x 4.7 in x 0.7 in (358mm x 118mm x 17mm)
Colors	Eclipse Gray
Security & Manageability	• 1 x Kensington nano lock slot • 2026 Security Suite, End Point Security Controller • Fingerprint reader (optional)[6]

	• HP Wolf Security for Business[3] (HP Sure Start[19], HP Sure Click[20], HP Sure Run[21], HP Sure Recover[22], HP BIOSphere[23], HP Client Security Manager, HP Sure Sense[24], Intrusion Detection, Hardware TPM 2.0, Asset Tag Support, HP Tamper Lock[25], Microsoft Secure Core PC Certified AMD Pro Support, HP Manageability Integration Kit, HP System Resource Optimizer) and Microsoft Pluton • AMD AIM-T Manageability (default with PRO processors) • AMD Auto State Management (BIOS enabled)
Durability & Sustainability	• Pass HP Commercial Desktop MIL-STD[28] 810H durability tests (13 tests) • Meets published 2026 Sustainability requirements • Real Time Carbon Footprint Data (AC Current Sensor) • 100% recycled REE magnets in speaker box • 100% sustainably sourced or recycled paper-based packaging[9, 32] • At least 75% post-consumer recycled plastic in keyboard enclosure[7] • At least 70% recycled plastic and at least 5% ocean bound plastic in key caps, keyboard membrane, speaker box and fan housing[8] • At least 20% recycled SGCC steel in fan cover[31] • At least 90% recycled SUS steel in keyboard base plate[31] • At least 90% recycled aluminum in keyboard frame[31] • ENERGY STAR® Certified • EPEAT Gold Registered in US[29] • TCO Certified • TUV Low Noise

Accessories	• HP 675M Wireless Bluetooth® Mouse (Bluetooth® pre-paired with PC; includes USB-C® dongle and 2 AAA batteries required for operation)
	• Portable canvas soft case[4] (optional unless configured with battery)
	• HDMI Multi Port Hub (2x HDMI, 2x USB-C 3.2 gen 2, 1x RJ-45) optional for use with non-USB-C® monitors
	    ○ 2 x HDMI 2.1 (up to 4K at 60Hz)
	    ○ 1 x USB-C® 3.2 gen 2 (data transfer up to 10Gbps signaling rate[14], 65W power delivery)
	    ○ 1 x USB-C® 3.2 gen 2 (data transfer up to 10Gbps signaling rate[14], DisplayPort™ 1.4)
	    ○ 1 x RJ45 (up to 1GbE)
	• Recommended use with HP Docks or HP USB-C Power Delivery Monitors

Design	• Full physical 10-key numpad • LED light power status indicator (rear) • Fits in a standard backpack (similar width to 16" class laptop) • Compact 2-zone keyboard layout • Top mount lattice-less, user replaceable backlit keyboard with 2.0mm travel • Spillproof keyboard membrane • HP Programmable Key[30]

Disclaimers:

1. On some devices, Copilot+ PC experiences require free updates available starting later this year and continuing into 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. Requires compatible display with USB-C connection. Compatible display sold separately

3. 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.

4. Sold separately or as an optional feature.

5. 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. Potential NPU inferencing performance varies by use, configuration, and other factors.

6. Optional feature must be configured at time of purchase.

7. Recycled plastic is expressed as a percentage of the total weight of the plastic. Post-consumer recycling is based on the definition set in the EPEAT standard for computers, IEEE 1680.1-2018 standard.

8. Ocean Bound plastic is expressed as a percentage of the total weight of the plastic. Ocean Bound plastic is based on the definition set by the UL2809 standard.

9. Recycling capabilities may vary depending on your location. Please refer to your local recycling program for detailed information.

10. 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.

11. 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. Intel's numbering, branding and/or naming is not a measurement of higher performance.

12. 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.

13. For storage drives, GB = 1 billion bytes. Actual formatted capacity is less. Up to 30 GB (for Windows) is reserved for system recovery software.

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. 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.

18. Actual weight will vary by configuration.

19. HP Sure Start is available on select HP PCs and requires Windows 10 Pro and higher

20. HP Sure Click requires Windows 10 and higher. See https://bit.ly/2PrLT6A_SureClick for complete details.

21. 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.

22. 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.

23. HP BIOSphere is available on select HP Pro and Elite PCs. See product specifications for details. Features may vary depending on the platform and configurations.

24. HP Sure Sense is available on select HP PCs with Windows 10 Pro, Windows 10 Enterprise, Windows 11 Pro, or Windows 11 Enterprise OS.

25. HP Tamper Lock must be enabled by the customer or your administrator.

Disclaimers:

27. 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.

28. MIL STD 810 testing is not intended to demonstrate fitness for U.S. Department of Defense contract requirements or for military use. Test results are not a guarantee of future performance under these test conditions. Accidental damage requires an optional HP Accidental Damage Protection Care Pack.

29. EPEAT tier levels may vary by country. See www.epeat.net for registration status and tier levels by country.

30. Requires the HP App.

31. 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.

32. 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.

33. 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.