HP ProBook 4 G1ah 14” Notebook PC
HP ProBook 4 G1ah 16” Notebook PC

Key Experiences and Product Specs



The ProBook 4 G1ah series is built for remote collaborators and support professionals who need advanced productivity, security, and durability.

Key Product Experiences

Always at the ready and highly configurable so IT can standardize without compromise: The HP ProBook 4 G1a series is equipped with a powerful AMD processor[1] and connected Modern Standby so your email, notifications, and updates have all been updating themselves while the PC is asleep and connected to a network. IT can customize based on jobs to be done, choosing from port and battery options to get the right device to the right user.

Enhanced conferencing and collaboration experience: Remove barriers to collaboration for global teams with Poly Studio[2] tuned speakers with AI Noise Reduction[3] and a 5MP camera allow for clear and productive conversations.

Protected by HP Wolf Security: HP Wolf Security for Business[4] 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[5]
Processor(s)	Latest AMD processors R3/R5 (non-Pro)[1]
Graphics	Integrated: AMD Radeon™ Graphics; No discrete option
Memory	Up to 32 GB DDR5-5600 SDRAM[6]
Internal Storage	256 GB up to 1 TB PCIe® NVMe™ M.2 SSD[7] Optional 2nd SSD 256 GB PCIe® 2230 Gen3 NVMe™ M.2 SSD (2nd SSD option only available in select markets.)[7]
Display	**14":** 14" diagonal, WUXGA (1920 x 1200), UWVA, Anti-Glare, 300 nits, sRGB 62.5%, low power, LCD Panel[8,37] 14" diagonal, WUXGA (1920 x 1200), touch, UWVA, Anti-Glare, 300 nits, sRGB 62.5%, low power, LCD Panel[8,9,37] 14" diagonal, WUXGA (1920 x 1200), UWVA, Anti-Glare, WLED + Low Blue Light, 400 nits, sRGB 100%, low power, LCD Panel[8,37] 14" diagonal, WQUXGA (2240x1400), UWVA, Anti-Glare, Low Blue Light, 400 nits, sRGB 100%, LCD Panel[8,37] **16":** 16" diagonal, WUXGA (1920 x 1200), UWVA, Anti-Glare, 300 nits, sRGB 62.5%, LCD Panel[8,37] 16" diagonal, WUXGA (1920 x 1200), touch, UWVA, Anti-Glare, 300 nits, sRGB 62.5%, LCD Panel[8,9,37] 16" diagonal, WUXGA (1920 x 1200), UWVA, Anti-Glare, WLED + Low Blue Light, 400 nits, sRGB 100%, low power, LCD Panel[8,37] 16" diagonal, WQXGA (2560 x 1600), UWVA, Anti-Glare, Low Blue Light, 400 nits, sRGB 100%, LCD Panel[8,37]
Webcam	FHD or 5MP+IR[10] Hybrid camera with Wide Field of View (WFoV)
Audio	Audio by Poly Studio[2], dual stereo speakers, dual microphones enhanced by AI noise reduction[3]
Input Devices	Spill-resistant, optional backlit keyboard with DuraKeys; Clickpad with multi-touch gesture support; Microsoft Precision Touchpad
Input/Connectivity	2x USB Type-C® 10Gbps signaling rate[11] (USB Power Delivery, DisplayPort™ 1.4); 2x USB Type-A 10Gbps signaling rate[11] (Powered); 1x HDMI 2.1[12,13]; 1x stereo headphone/microphone combo jack; 1x RJ45; Optional Ports: 1x External Nano SIM slot
Wireless technology	Mediatek RZ616 Wi-Fi 6E[14] and Bluetooth® 5.3 wireless card; Realtek RTL8852CE Wi-Fi 6E[14] and Bluetooth® 5.3 wireless card; Mediatek MT7925 Wi-Fi 7[15] and Bluetooth® 5.4 wireless card; Optional HP 4G LTE-Advanced Pro[16]
Power Requirements	HP Long Life 3-cell, 48 Wh polymer; HP Long Life 3-cell, 56 Wh polymer[17] HP 65 W USB Type-C® adapter; HP 65 W USB Type-C® Halogen Free adapter; HP 100 W USB Type-C adapter
Weight and Dimensions	**14":** Starting at 1.398 kg / 3.08 lb with 56Whr battery (Does not include power adapter.)[18] 318.6 mm x 224.4 mm x 10.9 mm (front) / 17.0 mm (rear); Maximum height 19.9mm 12.54 in x 8.83 in x 0.43 in (front) / 0.67 in (rear); Maximum height: 0.78 in[19,20] **16":** Starting at 1.748 kg / 3.85 lb with 56Whr battery (Does not include power adapter.)[18] 359.4 mm x 251.0 mm x 10.9 mm (front) / 17.0 mm (rear); Maximum height 19.9mm 14.15 in x 9.88 in x 0.43 in (front) / 0.67 in (rear); Maximum height: 0.78 in[19,20]
Color	Silver
Software	Adobe offer (Sold separately); Buy Microsoft Office (Sold separately); HP Connection Optimizer; HP Hotkey Support; HP MAC Address Manager; HP Notifications; HP PC Hardware Diagnostics Windows; HP Power Manager[40]; HP Privacy Settings; HP Support Assistant; myHP[2]
Sustainable Impact Specifications	50% recycled Aluminum[21], keycaps made with 50% PCR plastic[22]; Speaker box with ocean-bound plastic[23]; 100% sustainably sourced packaging[24]; Bulk packaging available; Low Halogen[25]; EPEAT Climate+™ Gold in US[26]; ENERGY STAR certified; TCO Certified; Power Consumption Measurement[27]

Security & Manageability	**[BIOS]** Absolute persistence module; BIOS Update via Network; HP BIOSphere Gen6[38]; HP DriveLock & Automatic DriveLock; Optional HP Fingerprint Sensor (FPS)[10]; HP Secure Erase; HP Wake on WLAN ; HP Endpoint Security Controller (ESC-5)[28]. **[SW]** HP Client Security Manager[29]; HP Sure Admin[30]; HP Sure Click[31]; HP Sure Run[32]; HP Sure Sense[33]; HP Sure Start[34]; HP Tamper Lock[35]; HP Wolf Security for Business[4]; Secured-Core PC Enable; TPM 2.0 embedded security chip (Common Criteria EAL4+ and FIPS 140-2 Level 2 Certified) **[HW]** Security lock slot HP Client Catalog; HP Client Management Script Library; HP Cloud Recovery; HP Connect for Microsoft Endpoint Manager[39]; HP Driver Packs; HP Image Assistant Gen5; HP Manageability Integration Kit[36]; HP Patch Assistant; HP BIOS Config Utility (BCU)

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. Requires Windows OS.
3. Requires myHP and Windows OS.
4. 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.
5. 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.
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. For storage drives, GB = 1 billion bytes. Actual formatted capacity is less. Up to 30 GB (for Windows) is reserved for system recovery software.
8. WUXGA (1920x1200) or WQXGA (2560x1600) content required to view WUXGA or WQXGA images.
9. Touchscreen will reduce actual brightness.
10. Optional feature must be configured at time of purchase.
11. Actual throughput may vary
12. HDMI cable sold separately.
13. HDMI 2.1 Support resolution up to 4K @60 Hz
14. 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.
15. 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.
16. 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.
17. 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.
18. Actual weight will vary by configuration.
19. 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.
20. Dimensions may vary by configuration.
21. 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
22. Recycled plastic content percentage is based on the definition set in the IEEE 1680.1-2018 EPEAT standard.
23. 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
24. 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.
25. External power supplies, WWAN modules, power cords, cables and peripherals excluded. Service parts obtained after purchase may not be Low Halogen.
26. 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.
27. 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.
28. Requires Windows 10 or higher. For supported HP PCs with the latest HP Endpoint Security Controller
29. HP Client Security Manager Gen6/Gen7 requires Windows and is available on the select HP Elite and Pro PCs.

30. HP Sure Admin requires Windows 10 and HP BIOS
31. HP Sure Click requires Windows 10 and higher. See https://bit.ly/2PrLT6A_SureClick for complete details.
32. 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.
33. HP Sure Sense is available on select HP PCs with Windows 10 Pro, Windows 10 Enterprise, Windows 11 Pro, or Windows 11 Enterprise OS.
34. HP Sure Start is available on select HP PCs and requires Windows 10 Pro and higher
35. HP Tamper Lock must be enabled by the customer or your administrator.
36. HP Manageability Integration Kit can be downloaded from http://www8.hp.com/us/en/ads/clientmanagement/overview.html
37. All performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower.
38. 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.
39. 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.
40. HP Power Manager requires Windows 10 and higher and can be downloaded from the Microsoft Store.

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