

HP EliteBook 6 G1iR 14" Notebook PC

HP EliteBook 6 G1iR 16" Notebook PC



Key Experiences and Product Specs



Enterprise performance for hybrid work, specially designed for frontline professionals and office support staff performing administrative work.

Key Product Experiences

Always at the ready and highly configurable so IT can standardize without compromise: The globally available HP EliteBook 6 G1iR series is equipped with a powerful Intel® processor¹ 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 100% of the time.

Enhanced conferencing and collaboration experience and always at the ready: Remove barriers to collaboration for global teams with Poly Studio tuned speakers with AI Noise Reduction² and a 5MP camera allow for clear and productive conversations.

Protected by HP Wolf Security: HP Wolf Security for Business³ 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 ⁴
Processor(s)	Latest generation Intel® Core™ 3, 5 and 7 processors (U series) ¹ 13th generation Intel® Core™ 5-1334U processor ¹
Graphics	Integrated: Intel® Graphics
Memory	Up to 64 GB DDR5-5200 MT/s RAM ⁵
Internal Storage	512 GB up to 2TB PCIe® Gen4x4 NVMe™ M.2 SSD TLC; 256 GB up to 512 GB PCIe® 2280 NVMe™ M.2 SSD ⁶ 256 up to 1 TB PCIe® Gen4x4 NVMe™ SED OPAL2 TLC ⁶
Display	14": 14" diagonal, WUXGA (1920 x 1200), UWVA, Anti-Glare, 300 nits, sRGB 62.5%, low power, LCD Panel ³² 14" diagonal, WUXGA (1920 x 1200), touch, UWVA, Anti-Glare, 300 nits, sRGB 62.5%, low power LCD Panel ³² 14" diagonal, WUXGA (1920 x 1200), UWVA, Anti-Glare, WLED + Low Blue Light, 400 nits, sRGB 100%, low power, LCD Panel ³² .@ 14" diagonal, WUXGA (1920 x 1200), UWVA, Anti-Glare, Low Blue Light, 800 nits, sRGB 100%, Sure View 5 ⁷ LCD Panel ³² 14" diagonal, 2.5K (2560 x 1600), UWVA, Anti-Glare, WLED + Low Blue Light, 400 nits, DCI-P3 100% + Adobe 100%, LCD Panel ³² 16": 16" diagonal, WUXGA (1920 x 1200), UWVA, Anti-Glare, 300 nits, sRGB 62.5%, LCD Panel ³² 16" diagonal, WUXGA (1920 x 1200), touch, UWVA, Anti-Glare, 300 nits, sRGB 62.5%, LCD Panel ³² 16" diagonal, WUXGA (1920 x 1200), UWVA, Anti-Glare, WLED + Low Blue Light, 400 nits, sRGB 100%, low power, LCD Panel ³² 16" diagonal, WUXGA (1920 x 1200), UWVA, Anti-Glare, Low Blue Light, 800 nits, sRGB 100%, Sure View 5 ⁷ LCD Panel ³² 16" diagonal, 2.5K (2560 x 1600), UWVA, Anti-Glare, WLED + Low Blue Light, 400 nits, DCI-P3 100% + Adobe 100%, LCD Panel ³² (Availability may vary by country)
Webcam	FHD camera (select models); 5 MP IR camera (select models)
Audio	Audio by Poly Studio ⁸ , dual stereo speakers, dual microphones enhanced by AI noise reduction ²
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 ⁹ (USB Power Delivery, DisplayPort™ 2.1); 2x USB Type-A 5Gbps signaling rate ⁹ (Powered); 1x HDMI 2.1; 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; Intel® Wi-Fi 6E ¹⁰ AX211 (2x2) and Bluetooth® 5.3 wireless card, non-vPro®; Intel® Wi-Fi 6E ¹⁰ AX211 (2x2) and Bluetooth® 5.3 wireless card, vPro®; HP 4G LTE-Advanced Pro ¹¹
Power Requirements	HP Long Life 3-cell, 48 Wh polymer; HP Long Life 3-cell, 56 Wh polymer ¹² HP 65 W USB Type-C® adapter; HP 65 W USB Type-C® Halogen Free adapter
Weight and Dimensions	14": Starting at 1.398 kg / 3.08 lb with 56Whr battery; Starting at 1.385 kg / 3.05 lb with 48Whr battery (Does not include power adapter.) ¹³ 318.6 mm x 224.35 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 ^{14,15} 16": Starting at 1.748 kg / 3.85 lb with 56Whr battery; Starting at 1.735 kg / 3.83 lb with 48Whr battery (Does not include power adapter.) ¹³ 359.4 mm x 251 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 ^{14,15}
Color	Silver
Software	HP Connection Optimizer; HP Hotkey Support; HP MAC Address Manager; HP Support Assistant; HP Power Manager ³⁷ ; myHP ⁸ ; HP Privacy Settings; Touchpoint Customizer

	for Commercial; HP Notifications;; HP PC Hardware Diagnostics Windows; Buy Microsoft Office (Sold separately), Poly Camera Pro ³⁶
Sustainable Impact Specifications	50% recycled Aluminum ²⁵ , keycaps made with 50% PCR plastic ²⁶ ; Speaker box with ocean-bound plastic ²⁷ ; 100% sustainably sourced packaging ³¹ ; Bulk packaging available; Low Halogen ³¹ ; EPEAT Climate+™ Gold registered in the U.S ²⁸ ; ENERGY STAR certified; TCO Certified; Power Consumption Measurement ²⁹ .
Security & Manageability	Absolute persistence module; HP DriveLock and Automatic DriveLock; HP Wolf Security for Business ³ ; HP Secure Erase; HP Sure Click ¹⁶ ; HP Sure Sense ¹⁷ ; BIOS Update via Network; Optional Hardened Touch Fingerprint Sensor (FPS) ³³ ; HP Sure Admin ¹⁸ ; HP BIOSphere ³⁴ ; HP Client Security Manager ¹⁹ ; TPM 2.0 embedded security chip (Common Criteria EAL4+ and FIPS 140-2 Level 2 Certified); HP Sure Start ²⁰ ; HP Wake on WLAN; HP Tamper Lock ²³ ; HP Sure Run ²⁴ ; HP Sure Recover ²¹ ; Secured-Core PC Enable; Security lock slot HP Manageability Integration Kit ²² ; HP Driver Packs; HP System Software Manager (SSM); HP BIOS Config Utility (BCU); HP Client Catalog, HP Image Assistant; HP Connect for Microsoft Endpoint Manager ³⁵

Disclaimers:

1. 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.
2. Requires myHP and Windows OS.
3. 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.
4. 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>.
5. 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.
6. For storage drives, GB = 1 billion bytes. Actual formatted capacity is less. Up to 30 GB (for Windows) is reserved for system recovery software.
7. HP Sure View integrated privacy screen is an optional feature that must be configured at purchase and is designed to function in landscape orientation.
8. Requires Windows OS.
9. Actual throughput may vary
10. 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.
11. 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.
12. 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.
13. Actual weight will vary by configuration.
14. 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.
15. Dimensions may vary by configuration.
16. HP Sure Click requires Windows 10 and higher. See https://bit.ly/2PrLT6A_SureClick for complete details.
17. HP Sure Sense is available on select HP PCs with Windows 10 Pro, Windows 10 Enterprise, Windows 11 Pro, or Windows 11 Enterprise OS.
18. HP Sure Admin requires Windows 10 and HP BIOS
19. HP Client Security Manager Gen6/Gen7 requires Windows and is available on the select HP Elite and Pro PCs.
20. HP Sure Start is available on select HP PCs and requires Windows 10 Pro and higher
21. 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.
22. HP Manageability Integration Kit can be downloaded from <http://www8.hp.com/us/en/ads/clientmanagement/overview.html>
23. HP Tamper Lock must be enabled by the customer or your administrator.
24. 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.
25. 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
26. Recycled plastic content percentage is based on the definition set in the IEEE 1680.1-2018 EPEAT standard.
27. 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
28. 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.
29. 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.

30. External power supplies, WWAN modules, power cords, cables and peripherals excluded. Service parts obtained after purchase may not be Low Halogen.
31. 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.
32. All performance specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower.
33. Optional feature must be configured at time of purchase.
34. 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.
35. 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.
36. Poly Camera Pro requires Windows OS.
37. HP Power Manager requires Windows 10 and higher and can be downloaded from the Microsoft Store.

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