# HP EliteBook X G1i 14 inch Notebook Next Gen AI PC

## Drive strategy with the efficiency and power of next-gen AI

Propel your business forward with AI that uses your own data to make strategic business decisions. Discover what you can do with AI applications[4], advanced collaboration features, and optimized battery life on the HP EliteBook X G1i Next Gen AI PC.

### HP Recommends Windows 11 Pro

Summarize and rewrite content, get relevant recommendations, and stay organized with Microsoft Copilot.[10]

### Protected by HP Wolf Security

HP Wolf Security for Business creates a hardware-enforced, always-on, resilient defense.[11]

### Long battery life

Get more done in between charges with battery life that is efficiently managed by next-gen AI.[3]



*Product image may differ from actual product

## Sustainability in action

### Designed with purpose

With over 70-percent of major parts[7] containing recycled materials8, including recycled fishnets in the keyboard, the HP EliteBook X G1i provides power data tracking and suggestions to reduce energy use.[9]

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## Featuring

### Optimize time and streamline your effort with next-gen AI
Accelerate work with 48 TOPS and AI for transcribing meetings and building presentations that quickly bring your strategies to life. Built-in AI performance management helps extend battery life so you can focus on deep thinking, rather than finding an outlet.[3,4]

### Connect and engage effortlessly with AI Innovations
Ensure that you and your ideas take the main stage in every collaborative session with Poly Camera Pro's background adjustments, automatic framing, and spotlight.[5] Hear and be heard clearly with four Poly Studio tuned speakers and two studio-quality mics.

### Robust security against quantum computing attacks
Fortify your workforce against quantum threats with the built-in HP Endpoint Security Controller (ESC).[6] The latest ESC protects firmware against quantum computer attacks and helps ensure the integrity of sensitive and regulated data.

### Designed with purpose
With over 70-percent of major parts[7] containing recycled materials8, including recycled fishnets in the keyboard, the HP EliteBook X G1i provides power data tracking and suggestions to reduce energy use.[9]

### HP Recommends Windows 11 Pro for business with Microsoft Copilot
Work anywhere without compromising on performance with Windows 11[1] and HP collaboration, security, and connectivity technology. Summarize and rewrite content, get relevant content recommendations, and stay organized with Microsoft Copilot.[10]

### Intel® powers PCs next-gen AI
Free up time to focus on what matters with the latest Intel® Core™ Ultra processor with an NPU[2,3] purposely built for the next era of AI software.[4]

### Explore new things and find answers
Seamlessly explore new things and find answers to anything you need, leveraging web content. With AI Companion you can Ask for information, advice, creative ideas, or just conversation. Experience the power of AI knowledge at your fingertips.[12]

### Query and interact with your personal files
Query and interact with your personal files on your device to get actionable insights. Build a custom library in AI Companion to Analyze, compare and summarize your documents, or draft reports and articles.[12]

### Optimize your PC with Perform tool
Get updates and ongoing optimization with the Perform tool in AI Companion that will assess your PC performance, improve it and better your everyday experience over time. It works in the background to maintain system drivers, BIOS, and core PC firmware.[12]

### Collaboration through the NPU
Look your best on video calls and save some power too. Manage your video controls for internal and external cameras with Poly Camera Pro.[5] Now Auto Frame, Spotlight, Background Blur, and virtual backgrounds save power running on the NPU.

### One touch powers the PC and logs you in
Power up and log in with a single touch of the power key that combines the power button with an integrated fingerprint sensor enhancing both security and convenience.[13]

### Wake and lock with your presence
Lock your PC when you leave it and wake it when you approach with HP Auto Lock and Awake. An advanced proximity sensor detects your presence and triggers the camera and Windows Hello to confirm your identity and unlock your PC.[14]

### Hear and be heard
Dynamic Voice Leveling[5] automatically enhances microphone gain to optimize voice clarity within 3-meters of the PC. AI Noise Reduction[5] uses noise-filtering technology to enhance audio conferencing experience even while wearing a mask.

### Optimize PC performance
Work without distraction with HP Smart Sense[15] which makes automatic adjustments keeping your system cool and quiet and lets you enable performance mode when you need it most.

### Easy battery management
Manage and monitor your battery's performance and condition and customize charging options with the easy-to-use HP Power Manager dashboard.[16]

### Protected by HP Wolf Security
HP Wolf Security for Business 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.[11]

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## Technical specifications

| | |
|---|---|
| **Available Operating Systems** | Windows 11 Pro[1]<br>Windows 11 Home - HP recommends Windows 11 Pro for business[1]<br>Windows 11 Home Single Language - HP recommends Windows 11 Pro for business[1]<br>Windows 11 Pro (Windows 11 Enterprise available with a Volume Licensing Agreement)[1]<br>FreeDOS |
| **Processor family** | Intel® Core™ Ultra 5 processor<br>Intel® Core™ Ultra 7 processor |
| **Available Processors**[2,3,4,5] | Intel® Core™ Ultra 7 268V (up to 3.7 GHz E-core Max Turbo frequency, up to 5.0 GHz P-core Max Turbo frequency, 12 MB L3 cache, 4 P-cores and 4 E-cores, 8 threads) with Intel® Arc™ Graphics and Intel® AI Boost (48 NPU TOPS); Intel® Core™ Ultra 7 266V (up to 3.7 GHz E-core Max Turbo frequency, up to 5.0 GHz P-core Max Turbo frequency, 12 MB L3 cache, 4 P-cores and 4 E-cores, 8 threads) with Intel® Arc™ Graphics and Intel® AI Boost (48 NPU TOPS; Intel® Core™ Ultra 7 258V (up to 3.7 GHz E-core Max Turbo frequency, up to 4.8 GHz P-core Max Turbo frequency, 12 MB L3 cache, 4 P-cores and 4 E-cores, 8 threads) with Intel® Arc™ Graphics and Intel® AI Boost (47 NPU TOPS); Intel® Core™ Ultra 7 256V (up to 3.7 GHz E-core Max Turbo frequency, up to 4.8 GHz P-core Max Turbo frequency, 12 MB L3 cache, 4 P-cores and 4 E-cores, 8 threads) with Intel® Arc™ Graphics and Intel® AI Boost (47 NPU TOPS); Intel® Core™ Ultra 5 238V (up to 3.5 GHz E-core Max Turbo frequency, up to 4.7 GHz P-core Max Turbo frequency, 8 MB L3 cache, 4 P-cores and 4 E-cores, 8 threads) with Intel® Arc™ Graphics and Intel® AI Boost (40 NPU TOPS); Intel® Core™ Ultra 5 236V (up to 3.5 GHz E-core Max Turbo frequency, up to 4.7 GHz P-core Max Turbo frequency, 8 MB L3 cache, 4 P-cores and 4 E-cores, 8 threads) with Intel® Arc™ Graphics and Intel® AI Boost (40 NPU TOPS); Intel® Core™ Ultra 5 228V (up to 3.5 GHz E-core Max Turbo frequency, up to 4.5 GHz P-core Max Turbo frequency, 8 MB L3 cache, 4 P-cores and 4 E-cores, 8 threads) with Intel® Arc™ Graphics and Intel® AI Boost (40 NPU TOPS); Intel® Core™ Ultra 5 226V (up to 3.5 GHz E-core Max Turbo frequency, up to 4.5 GHz P-core Max Turbo frequency, 8 MB L3 cache, 4 P-cores and 4 E-cores, 8 threads) with Intel® Arc™ Graphics and Intel® AI Boost (40 NPU TOPS) |
| **Neural Processing Unit** | Intel® AI Boost[5] |
| **Product colour** | Atmosphere blue; Glacier silver |
| **Maximum memory** | 32 GB LPDDR5x-8533 MT/s; (Transfer rates up to 8533 MT/s.)<br>Slots are non customer accessible/upgradeable. Supports dual channel memory. |
| **Internal storage** | 512 GB up to 2 TB PCIe® Gen4x4 NVMe™ M.2 SSD TLC[6]<br>256 GB up to 1 TB PCIe® NVMe™ M.2 SSD[6]<br>512 GB PCIe® Gen4x4 NVMe™ M.2 SED SSD TLC[6] |
| **Display size (diagonal, metric)** | 35.6 cm (14") |
| **Display**[16,17,18,19] | 35.6 cm (14") diagonal, WUXGA (1920 x 1200), IPS, anti-glare, 400 nits, low power, 100% sRGB with HP Eye Ease; 35.6 cm (14") diagonal, WUXGA (1920 x 1200), touch, IPS, anti-glare, 800 nits,100% sRGB, HP Sure View 5 integrated privacy screen with HP Eye Ease; 35.6 cm (14") diagonal, WUXGA (1920 x 1200), touch, IPS, anti-glare, 500 nits, 100% sRGB; 35.6 cm (14") diagonal, WUXGA (1920 x 1200), IPS, anti-glare, 800 nits,100% sRGB, HP Sure View 5 integrated privacy screen with HP Eye Ease; 35.6 cm (14") diagonal, 2.5K (2560 x 1600), IPS, 120 Hz, anti-glare, 400 nits, 100% Adobe RGB and 100% DCI-P3 with HP Eye Ease |
| **Available Graphics** | Integrated: Intel® Arc™ Graphics [15]<br>(Support DX12 and HDMI 2.1.) |
| **Audio** | Audio by Poly Studio, quad stereo speakers with discrete amplifiers, integrated dual array microphones |
| **Ports and connectors** | 2 Thunderbolt™ 4 with USB Type-C® 40Gbps signaling rate (USB Power Delivery, DisplayPort™ 2.1, HP Sleep and Charge); 1 USB Type-C® 10Gbps signaling rate (USB Power Delivery, DisplayPort™ 1.4); 1 HDMI 2.1; 1 stereo headphone/microphone combo jack; 1 USB Type-A 5Gbps signaling rate (powered)[14] ;<br>(Cables are not included.) |
| **Input devices** | HP Premium Keyboard - spill-resistant, full-size, backlit keyboard with DuraKeys; Clickpad with multi-touch gesture support; Microsoft Precision Touchpad; Gyroscope; Thermal sensor; Hall effect sensor; Color sensor with Ambient light sensing; Inertial Measurement Unit sensor; Ambient light sensor |
| **Communications** | (Compatible with Miracast-certified devices.[10]); ;<br>Qualcomm® 9205 LTE Cat-M1 Modem[13] ;<br>Intel® Wi-Fi 7 BE201 (2x2) and Bluetooth® 5.4 wireless card, vPro®; Intel® Wi-Fi 7 BE201 (2x2) and Bluetooth® 5.4 wireless card, non-vPro® ;<br>MediaTek T700 5G; MediaTek T700 5G with HP Go; MediaTek T700 4G ;<br>NFC Mirage WNC XRAV-1[8,9] |
| **Camera** | 5 MP camera; IR camera |
| **Software** | Buy Microsoft Office (sold separately); HP AI Companion; HP Connection Optimizer; HP Easy Clean[25]; HP Hotkey support; HP MAC Address Manager; HP Notifications; HP PC Hardware Diagnostics UEFI; HP PC Hardware Diagnostics Windows; HP Privacy Settings; HP Services Scan[26]; HP Smart Support[57]; HP Support Assistant[27]; HSA Fusion for Commercial; HSA Telemetry for Commercial; myHP[28]; Poly Camera Pro; Poly Lens[29]; HP IQ[50] |
| **Security management** | Secured-Core PC Enable[38]; Windows Hello Enhanced Sign-in Security (ESS) Enable; HP Sure Admin[39]; HP Sure Click[40]; HP Sure Recover[41]; HP Sure Run[42]; HP Sure Sense[43]; HP Sure Start[44]; HP Tamper Lock[45]; TPM 2.0 embedded security chip (Common Criteria EAL4+ and FIPS 140-2 Level 2 Certified); Absolute Persistence Module[46]; Audio Permanent Disable; BIOS Update via Network; HP BIOSphere Gen6[47]; HP DriveLock and Automatic DriveLock; HP Secure Erase[48]; HP Wake on WLAN |
| **Security Software Licenses** | HP Wolf Pro Security Edition[56] |
| **Fingerprint reader** | Fingerprint sensor (select models) |

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## Technical specifications

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|---|---|
| **Management features** | HP Client Catalog (download)[30]; HP Client Management Script Library (download)[31]; HP Cloud Recovery[32]; HP Image Assistant (download)[35]; HP Manageability Integration Kit (download)[36]; HP Power Manager with Battery Health Manager (download)[37]; HP Connect for Microsoft Endpoint Manager[33]; HP Driver Packs (download)[34] |
| **Memory card device** | 1 nano SIM (optional) |
| **Power** | 65 W USB Type-C® slim adapter; 65 W USB Type-C® adapter; HP 100 W USB Type-C® slim adapter; HP 65 W USB Type-C® Halogen-free adapter; HP 65 W USB Type-C® GaN slim power adapter[22] |
| **Battery type** | HP Long Life 6-cell, 68 Wh Li-ion polymer; HP Long Life 3-cell, 56 Wh Li-ion polymer[20];<br>Battery is internal and not replaceable by customer. Serviceable by warranty. Fast charging 50% in 30 minutes.[21] |
| **Dimensions** | 31.39 x 21.99 x 1.05 cm (front); 31.39 x 21.99 x 1.49 cm (rear); (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.)[52];<br>Maximum Height: 1.75 cm |
| **Weight** | Starting at 1.18 kg;<br>(Weight will vary by configuration. Does not include power adapter.) |
| **Energy star certified** | ENERGY STAR® certified |
| **Certification and compliance** | CSA/UL 62368-1; CE Marking; China CCC/SRRC; Taiwan BSMI/NCC; Korea KCC/KC/KES; Ukraine NSoC/TEC; EAEU Compliance; Saudi Arabian Compliance; Low blue light; WW RoHS |
| **Sustainable impact specifications** | At least 90% recycled metal; HP paper-based packaging is from recycled or certified sources; At least 35% post-consumer recycled plastic; At least 30% ocean-bound plastic; At least 50% ocean-bound plastic in fan enclosure; Low halogen; Bulk packaging available[24] |
| **TCO certified** | TCO Certified, generation 10[64] |
| **EPEAT registered** | EPEAT registered configurations available[23] |
| **Warranty** | 1-year warranty and 90 day software limited warranty options depending on country. Batteries have a default one year limited warranty. On-site service and extended coverage is also available. HP Care Pack Services are optional extended service contracts that go beyond the standard limited warranties. To choose the right level of service for your HP product, use the HP Care Pack Services Lookup Tool at: http://www.hp.com/go/cpc . |

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## Accessories and services (not included)

| | | |
|---|---|---|
| HP 515 Ultra-Fast Rechargeable Wireless Mouse |  | Recharge the way you work with the HP 515 Ultra-Fast Rechargeable Wireless Mouse. Charge in 3 minutes and track on almost any surface[2], with accurate control and across multiple operating systems, to maintain productivity wherever work takes you.<br>**Product number: 9C2F7AA**<br>[1] Fast charging is based on USB Type-C ®-- 3.0 port (5V, 2.5A), the actual charging time may vary depending on the port type and environmental conditions.<br>[2] Glass surface may affect functionality. |
| HP 105 Sanitizable Mouse Pad |  | Elevate your space with an anti-slip, durable, sanitizable[1], and spill-resistant mouse pad. With effortless gliding and pinpoint accuracy, this minimalist mouse pad maximizes movement to make the perfect accomplice to your favorite mouse.<br>**Product number: 8X595AA**<br>[1] Select household wipes can be safely used up to 1,000 wipes. See wipe manufacturer's instructions for disinfecting and the HP cleaning guide for HP tested wipe solutions at How to Clean Your HP Device Whitepaper (https://h20195.www2.hp.com/v2/GetDocument.aspx?docname=4AA7-7610ENW)<br>[2] Recycled plastic content percentage is based on the definition set in the IEEE 1680.1-2018 EPEAT® standard. |
| HP 435 FHD Webcam |  | Learn, teach, and collaborate like you're in person, no matter where you are. Present the real you and focus on what matters, not how you look, thanks to automatic focus, lighting, and color correction. This portable plug and play webcam includes dual mics that reduce background noise to keep you in focus and sounding great from anywhere.<br>**Product number: 77B10AA**<br>[1] Google tested to meet Chromebook compatibility standards.<br>[2] This product works with devices capable of running the latest version of Chrome OS and has been certified to meet Google's compatibility standards. Google is not responsible for the operation of this product or its compliance with safety requirements. Chromebook and the Works With Chromebook badge are trademarks of Google LLC. |
| HP 725 Multi-Device Rechargeable Wireless Keyboard |  | Work confidently with tech that keeps you productive, whenever and wherever. This thoughtfully-designed multi-device wireless keyboard works as hard as you do with ultra-fast charging supercapacitor technology, seamless connectivity, and customization.<br>**Product number: 9T5B2AA**<br>[1] Fast charging is based on USB Type-C ®-- 3.0 port (5V, 2.5A). The actual charging time may vary depending on the port type and environmental conditions. Usage life is an estimate and varies depending on many factors, including number of active, idle and asleep hours of use, number of applications running, environmental conditions, and features used; actual usage life will vary with usage and environmental condition.<br>[2] USB-C to USB-A adapter cable included. |

# HP EliteBook X G1i 14 inch Notebook Next Gen AI PC

## Footnotes

### Messaging Footnotes

[14] Requires Windows 10 and higher and set up of facial recognition through Windows Hello.
[15] Smart Sense requires the myHP app and Windows 11 OS. Features may vary by platform.
[16] Requires HP app and Windows OS.
[1] 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 11 is automatically updated, which is always 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 .
[2] 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.
[3] Features and software that require a 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] ISV solutions are sold separately and may require a subscription and NPU.
[5] Requires HP app and Windows OS. 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.
[6] Requires Windows 10 or higher. For supported HP PCs with the latest HP Endpoint Security Controller (Gen 5). See https://h20195.www2.hp.com/v2/GetDocument.aspx?docname=4AA8-3644ENW .
[7] Major parts do not include screws, cables, inner frame, SSD, memory, and sub PCBs.
[8] Recycled materials is expressed as a percentage of the total recycled plastic and metal over the total weight of the product.
[9] Energy Consumption Meter requires Window 10 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. Fleet management requires HP Proactive Insights.
[10] 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.
[11] 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.
[12] HP AI Companion is available preloaded on select HP Next Gen AI PCs or is available for download from the Microsoft store and 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. 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. "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. Spotlight and voice capability are features within HP AI Companion. Expected availability in Spring 2025. Availability varies by region.

### Specification Footnotes

[1] 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 11 is automatically updated, which is always 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 .
[2] 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.
[3] Processor speed denotes maximum performance mode; processors will run at lower speeds in battery optimization mode.
[4] Intel® Turbo Boost performance varies depending on hardware, software and overall system configuration. See www.intel.com/technology/turboboost for more information.
[5] Features and software that require a 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] For storage drives, GB = 1 billion bytes. TB = 1 trillion bytes. Actual formatted capacity is less. Up to 30 GB is reserved for system recovery software.
[8] Wireless access point and Internet service required and sold separately. Availability of public wireless access points limited. Wi-Fi 7 (802.11BE) functionality requires Windows 11 24H2, select Intel® processor, and a Wi-Fi 7 router, sold separately. Wi-Fi 7 is backwards compatible 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.
[9] Intel vPro® requires Windows 10 or 11 Pro and higher, a vPro supported processor, vPro enabled chipset, vPro enabled wired LAN and/or Wi-Fi 6E WLAN and TPM 2.0. Some functionality requires additional 3rd party software in order to run. Features of vPro® Essentials and Enterprise vary. See http://intel.com/vpro .
[10] Miracast is a wireless technology your PC can use to project your screen to TVs, projectors, and streaming.
[11] 5G module is optional. WWAN-ready configuration must be selected at purchase to add WWAN module at a later date (WWAN After Market Option Kit). Module designed for 5G NR SA(standalone) and 5G NR NSA (non-standalone) Public and Private networks including Evolved-Universal Terrestrial Radio Access New Radio Dual Connectivity (ENDC) with both 100Mhz of 5G NR and LTE channel bandwidth, using 256QAM 4x4 as defined by 3GPP. Module includes embedded eSIM. Module requires activation and separately purchased service contract. Check with service provider for coverage and availability in your area. Data connection, upload and download speeds will vary due to network, location, environment, network conditions, and other factors. Backwards compatible to 4G LTE and 3G HSPA technologies. 5G module planned to be available in select platforms and select countries, where carrier and frequency bands supported.
[12] 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."ustry standard nature of some third-party memory modules, we recommend HP branded memory to ensure compatibility. If you mix memory speeds, the system will perform at the lower memory speed.
[13] Cat M1 LPWAN (Mobile Narrowband) cards support select platforms with the HP Protect & Trace with Wolf Connect service, but do not support mobile broadband/Internet use.
[14] USB 20Gbps speed is not available with Thunderbolt™ 4.
[15] Intel® Graphics capabilities require system to be configured with Intel® Core™ Ultra 5 or Ultra 7 processors and dual channel memory. Single channel memory will only function as Intel® ARC graphics.

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## Footnotes

## Specification Footnotes

[16] Resolutions are dependent upon monitor capability, and resolution and color depth settings.
[17] HP Sure View integrated privacy screen is an optional feature that must be configured at purchase and is designed to function in landscape orientation.
[18] Actual brightness will be lower with touchscreen or Sure View.
[19] All specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower.
[20] For new batteries, actual battery Watt-hours (Wh) may differ from the design capacity and may have a full charge capacity that differs by up to 10, which is typical for lithium-ion batteries. Battery capacity naturally decreases over time and with use, depending on several factors such as battery health management settings, shelf life, temperature, environment, loaded apps, features, system configuration, and power settings.
[21] Recharges up to 50% within 30 minutes when the system is off or in standby mode when used with the power adapter provided with the notebook. Power adapter minimum of 65 watts required for battery capacities 56Whr or less. Power adapter minimum of 100 watts required for battery capacities greater than 56Whr and less than 83Whr. Power adapter minimum of 120 watts required for battery capacities greater than 83Whr and less than 100Whr. After charging has reached 90% capacity, charging speed will return to normal. Charging time may vary +/-10% due to System tolerance.
[22] Availability may vary by country.
[23] Based on US EPEAT® registration according to IEEE 1680.1-2018 EPEAT®. Status varies by country. Visit www.epeat.net for more information.
[24] External power supplies, power cords, cables and peripherals are not Low Halogen. Service parts obtained after purchase may not be Low Halogen.
[25] HP Easy Clean requires Windows 10 RS3 and higher and will disable the keyboard, touchscreen, and clickpad only. Ports are not disabled. See user guide for cleaning instructions.
[26] HP Services Scan is preinstalled and/or provided thru Windows Update and checks for service entitlement on each hardware device and downloads the HP Insights agent automatically. To disable this feature, please follow the instructions at http://www.hpdaas.com/requirements. The HP Insights agent is a telemetry and analytics platform that provides critical data around devices and applications and is not sold as a standalone service. 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. Not available in China.
[27] HP Support Assistant is available on Windows. For more information, please visit www.support.hp.com/help/hp-support-assistant .
[28] MyHP requires Windows 10 or higher OS.
[29] Poly Lens requires a Windows OS.
[30] HP Client Catalog not preinstalled, however available for download at: https://www.hp.com/us-en/solutions/client-management-solutions.html .
[31] HP Client Management Script Library (https://www.hp.com/us-en/solutions/client-management-solutions.html#tab=manageability-tools).
[32] HP Cloud Recovery is available for Z by HP, HP Elite and Pro desktops and laptops PCs with Intel® or AMD processors and requires an open, network connection. Note: You must back up important files, data, photos, videos, etc. before use to avoid loss of data. Detail please refer to: https://support.hp.com/us-en/computer .
[33] HP Connect for Microsoft Endpoint Manager is available from the Azure Market Place for HP Pro, Elite, Z and Point-of-Sale PCs managed with Microsoft Endpoint Manager. Subscription to Microsoft Endpoint Manager required and sold separately. Network connection required.
[34] HP Driver Packs not preinstalled, however available for download at http://www.hp.com/go/clientmanagement .
[35] HP Image Assistant not preinstalled, however available for download at: https://ftp.ext.hp.com/pub/caps-softpaq/cmit/HPIA.html .
[36] HP Manageability Integration Kit not presintalled, however available for downloaded from https://www.hp.com/us-en/solutions/client-management-solutions.html#tab=manageability-tools .
[37] HP Power Manager with Battery Health can be downloaded by entering your system information here: https://support.hp.com/in-en/document/ish_4449597-351950716 .
[38] Secured-Core PC Enable requires an Intel® vPro®, AMD Ryzen™ Pro processor or Qualcomm® processor with SD850 or higher and requires 8 GB or more system memory. Secured-core PC is enabled from the factory.
[39] HP Sure Admin requires HP G8 or newer platforms, Windows 10 or higher, HP BIOS, HP Manageability Kit or KMS Service from http://www.hp.com/go/clientmanagement and HP Sure Admin Local Access Authenticator smartphone app from the Android or Apple store.
[40] HP Sure Click requires Windows 10 and higher. See https://bit.ly/2PrLT6A_SureClick for complete details.
[41] HP Sure Recover is available on select HP PCs and requires Windows 10 or 11 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. HP Sure Recover Gen6 with Embedded Reimaging is an optional feature on select HP PCs which requires Windows 10 or 11 must be configured at purchase. You must back up important files, data, photos, videos, etc., before use to avoid loss of data.
[42] HP Sure Run is available on select HP PCs and requires Windows 10 and higher.
[43] HP Sure Sense requires Windows 10 and higher. See product specifications for availability. On units with WWAN shipping to China, HP Sure Sense is only available via Softpaq download.
[44] HP Sure Start is available on select HP PCs and requires Windows 10 and higher.
[45] HP Tamper Lock must be enabled by the customer or your administrator.
[46] Absolute Persistence firmware module is shipped turned off and can only be activated with the purchase a license subscription and full activation of the software agent. License subscriptions can be purchased for terms ranging multiple years. Service is limited, check with Absolute for availability outside the U.S. Certain conditions apply. For full details visit: https://www.absolute.com/about/legal/agreements/absolute/ .
[47] HP BIOSphere Gen6 features may vary depending on the platform and configuration.
[48] HP Secure Erase implements the methods outlined in the National Institute of Standards and Technology Special Publication 800-88r "Clear" sanitation method. HP Secure Erase does not support platforms with Intel® Optane™.
[49] HP Fingerprint Reader is an optional feature that requires Windows 10 or 11 and must be configured at purchase.
[50] HP IQ delivery app is preloaded on select HP PCs; it will be automatically updated to the future featured HP IQ application if you have auto updates enabled in Windows or will be available for download from the Microsoft Store. The future featured HP IQ app uses artificial intelligence. Features vary by configuration. For complete details see https://support.hp.com/us-en/document/ish_13696672-13696717-16 .
[52] Typical dimension. Actual dimension may vary +/- 0.5mm. Height may vary based on configuration. Maximum Height does not include Rubber feet.
[56] HP Wolf Security for Business requires Windows 10 or 11 Pro or 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.
[57] HP Smart Support requires the HP Insights agent to be installed. For more information about how to enable or to download HP Smart Support, please visit http://www.hp.com/smart-support. HP Services Scan is preinstalled and/or provided thru Windows Update and will check entitlement on each hardware device to determine if an HP Insights agent-enabled service has been purchased, and will download applicable software automatically. HP Insights agent is a telemetry and analytics platform that provides critical data around devices and applications and is not sold as a standalone service. HP follows stringent GDPR privacy regulations and is ISO27001, ISO27701, ISO27017 and SOC2 Type2 certified for Information Security. Internet access is required. For full system requirements or to disable this feature, please visit https://www.hpdaas.com/requirements .
[64] TCO Certified is a ISO 14024 Type 1 sustainability label for IT products. Compliance with all criteria is independently verified.

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