

HP EliteBook Ultra G1q8 14 inch Notebook AI PC

Make all time, time well spent to unleash your potential

Reclaim time from mundane tasks to collaborate and do more impactful work with an ultrathin AI PC built for the new AI era. This highly responsive PC, designed with long battery life, powers AI-applications³ that unlock creativity and elevate your skills.

Rapidly sift through your files for fast decision making

Make every moment count with a next-gen AI PC with the power to run AI locally⁴ to save time and enable innovative functionality in new applications that will change how you work.

Experience conferencing the way it should be

HP and Poly bring together 147-years of combined innovation for an engaging AI-powered studio-quality audio and visual experience. Confidently deliver your message and showcase your ideas with Poly Camera Pro⁵ and enjoy clear audio with Poly Studio tuned speakers.

Less charging. More charging forward.

Ignite productivity on-the-go with an AI PC meticulously designed to help you stay focused and at your best, delivering responsive performance, compatibility with critical business applications, and optimized battery life to keep you charging through your workday.⁷



*Product image may differ from actual product

Sustainability in action

Help protect our shared future

This HP EliteBook Ultra G1q8 AI PC is designed using 50% recycled aluminum in the external covers⁸, 50% post-consumer recycled plastic in the keycaps⁹, and the outer box packaging is 100% sustainably sourced and recyclable.¹⁰



HP EliteBook Ultra G1q8 14 inch Notebook AI PC

Featuring

HP Recommends Windows 11 Pro for business with Copilot in Windows

Work anywhere without compromising on performance with Windows 11¹ and HP collaboration, security, and connectivity technology. Summarize and rewrite content, get relevant content recommendations, and stay organized with Microsoft Copilot.¹¹

Lightning speeds

This ultra power-efficient Snapdragon™ X Plus Platform, with a Hexagon™ NPU and Adreno™ GPU, supports lightning-fast speeds and optimal battery life for this thin, sleek device, while delivering the Windows applications and features you're used to.^{2,4}

Style and functionality

Launch Copilot in Windows with a touch of the Copilot key, to write content, analyze data, and stay organized on the sleek HP EliteBook Ultra Next Gen AI PC.^{11,12,13}

Wake and lock with your presence

Lock your PC when you leave it and wake it when you approach with presence sensing settings. An advanced proximity sensor detects when you leave your PC and triggers the camera and Windows Hello to confirm your identity and unlock your PC on return.¹⁶

HP Wolf Pro Security Next Gen Anti-Virus

Rest easy with next-gen antivirus defense from malware and credential protection that ensures end users are not entering their user credentials into spoofed websites with HP Wolf Pro Security Next Gen Antivirus (NGAV).¹⁷

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.

Capture all the details

Whether on a call or recording videos, the 5MP + IR camera, featuring Temporal Noise Reduction, provides exceptional clarity and increased definition. Want to make sure no one is watching? Simply close the physical shutter to block the camera's view.

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 knowledge at your fingertips.¹⁸

Collaborate and interact with your personal files

Collaborate and interact with your personal files to get actionable insights. Build a custom library to Analyze and compare your documents, summarize, or draft reports and articles.¹⁸

Optimize your PC with Perform tool

Get updates and ongoing optimization with the new Perform tool that will assess your PC performance, improve it and better your everyday experience over time. Works in the background to maintain system drivers, BIOS, and core PC firmware.¹⁸



HP EliteBook Ultra G1q8 14 inch Notebook AI PC

Technical specifications

Available Operating Systems	Windows 11 Pro ¹ Windows 11 Home - HP recommends Windows 11 Pro for business ¹
Processor family	Snapdragon® X Plus processor
Available Processors ^{2,3,10}	Snapdragon® X Plus X1P-42-100 (up to 3.4 GHz, 6 MB L3 cache, 8 cores, 8 threads)
Neural Processing Unit	Qualcomm® Hexagon™ NPU
Maximum memory	32 GB LPDDR5X-8448 MT/s RAM; (Transfer rates up to 8448 MT/s.) Memory soldered down. ¹⁷
Internal storage	512 GB up to 1 TB PCIe® Gen4x4 NVMe™ M.2 SSD TLC ⁴ up to 512 GB PCIe® NVMe™ M.2 SSD ⁴
Display size (diagonal, metric)	35.6 cm (14")
Display ^{7,8}	35.6 cm (14") diagonal, 2.2K (2240 x 1400), direct bond cover glass, IPS, BrightView, 300 nits, low power, 100% sRGB, HP Eye Ease; 35.6 cm (14") diagonal, 2.2K (2240 x 1400), touch, IPS, BrightView, 400 nits, low power, 100% sRGB with HP Eye Ease
Available Graphics	Integrated: Qualcomm® Adreno™ GPU
Audio	Audio by Poly Studio, dual speakers with discrete amplifiers, integrated dual array microphones
Ports and connectors	1 USB Type-C® 40Gbps signaling rate; 1 USB Type-C® 10Gbps signaling rate; 1 USB Type-A 5Gbps signaling rate (charging); 1 stereo headphone/microphone combo jack
Input devices	Full-size, backlit, atmosphere blue keyboard with HP Imagepad; Image sensor clickpad with multi-touch gesture support
Communications	Qualcomm® FastConnect™ 7800 Wi-Fi 7 (2x2) High Band Simultaneous (HBS) and Bluetooth® 5.4 wireless card; Qualcomm® FastConnect™ 6900 Wi-Fi 6E (2x2) and Bluetooth® 5.3 wireless card
Camera	5MP IR camera
Software	HP AI Companion ⁹ ; myHP; Buy Microsoft Office (sold separately); HP Privacy Settings; HP Documentation; HP 1E Performance Assist; HP System Event Utility; Poly Camera Pro; HP Application Enabling
Security management	HP Sure Sense ¹⁴ ; Microsoft Pluton Security
Security Software Licenses	HP Wolf Pro Security Next Gen Antivirus (NGAV) ¹⁵



HP EliteBook Ultra G1q8 14 inch Notebook AI PC

Technical specifications

Power	HP Smart 65 W USB Type-C® slim adapter
Battery type	HP Long Life 3-cell, 59 Wh Li-ion polymer ¹¹ ; Battery is internal and not replaceable by customer. Serviceable by warranty. Fast charging 50% in 30 minutes. ¹²
Battery life	Up to 26 hours ¹⁶
Dimensions	31.29 x 22.35 x 0.84 cm (front); 31.29 x 22.35 x 1.12 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.); 8 x 43 x 31.5 cm (Package)
Weight	Starting at 1.34 kg; (Weight will vary by configuration. Does not include power adapter.)
Ecolabels	EPEAT® registered configurations available; TCO Certified; EPEAT® Gold registered in the U.S. ¹³
Energy star certified	ENERGY STAR® certified
Certification and compliance	CSA/UL 62368-1; FCC/ICES/CISPR/VCCI; CE Marking; China CCC/SRRC; Taiwan BSMI/NCC; Korea KCC/KC/KES; Low blue light; WW RoHS
Sustainable impact specifications	50% post-consumer recycled plastic; Keyboard keycaps contain post-consumer recycled plastic; 50% recycled metal
Warranty	1-year warranty and 90 day software limited warranty options depending on country. Batteries have a default one year limited warranty. Refer to http://www.hp.com/support/batterywarranty/ for additional battery information. 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 .



HP EliteBook Ultra G1q8 14 inch Notebook AI PC

Footnotes

Messaging 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>.

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 Next Gen AI PC with 40 to 60 TOPS NPU to enable local AI processing.

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.

⁷ 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.

⁸ 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.

⁹ Recycled plastic content percentage is based on the definition set in the IEEE 16801-2018 EPEAT standard.

¹⁰ 100% outer box packaging made from sustainably sourced certified and recycled fibers.

¹¹ 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.

¹⁶ Requires Windows 11 and higher and set up of facial recognition through Windows Hello. See <https://www.microsoft.com/en-us/windows/tips/presence-sensing>.

¹⁷ HP Wolf Pro Security NGAV one (1) year license is included on HP EliteBook Ultra G1q. The HP Wolf Pro Security NGAV software is licensed under the license terms of the HP Wolf Security Software - End-User license Agreement (EULA) that can be found at: https://support.hp.com/us-en/document/ish_3875769-3873014-16 as that EULA is modified by the following: 7. Term. Unless otherwise terminated earlier pursuant to the terms contained in this EULA, the license for the HP Wolf Pro Security NGAV is effective upon 4 months after the date the HP Product was shipped by HP and will continue for the term communicated to you at purchase and in your order confirmation email ("Initial Term"). At the end of the Initial Term you may either (a) purchase a renewal license for the HP Wolf Pro Security Edition from HP.com, HP Sales or an HP Channel Partner, or (b) continue using the standard versions of HP Wolf Pro Security at no additional cost with no future software updates or HP Support. Notwithstanding the foregoing, the license shall expire no later than one year after the fixed term the subject license ends.

¹⁸ 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.

¹² Copilot key feature availability varies by market, see aka.ms/keysupport. Copilot is NOT available in China, Russia, Belarus, and embargoed regions Cuba, Iran, North Korea, Crimea.

¹³ Optional touch display must be configured at the time of purchase.

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 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>.

² 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. Qualcomm's numbering is not a measurement of clock speed.

³ Burst frequency performance varies depending on hardware, software and overall system configuration.

⁴ 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.

⁵ 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.

⁶ Wi-Fi 6E requires a Wi-Fi 6E router, and Windows 11, 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.

⁷ Resolutions are dependent upon monitor capability, and resolution and color depth settings.

⁸ All specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower.

⁹ 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 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. Five (5) library 100MB limit each, supported files may vary and at launch include pdf, .txt, .docx files.

¹⁰ 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.

¹¹ 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.

¹² 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.

¹³ Based on US EPEAT® registration according to IEEE 16801-2018 EPEAT®. Status varies by country. Visit www.epeat.net for more information.

¹⁴ HP Sure Sense is available on select HP PCs with Windows 10 Pro, Windows 10 Enterprise, Windows 11 Pro, or Windows 11 Enterprise OS.

¹⁵ HP Wolf Pro Security NGAV one (1) year license is included on HP EliteBook Ultra G1q. The HP Wolf Pro Security NGAV software is licensed under the license terms of the HP Wolf Security Software - End-User license Agreement (EULA) that can be found at: https://support.hp.com/us-en/document/ish_3875769-3873014-16 as that EULA is modified by the following: 7. Term. Unless otherwise terminated earlier pursuant to the terms contained in this EULA, the license for the HP Wolf Pro Security NGAV is effective upon 4 months after the date the HP Product was shipped by HP and will continue for the term communicated to you at purchase and in your order confirmation email ("Initial Term"). At the end of the Initial Term you may either (a) purchase a renewal license for the HP Wolf Pro Security Edition from HP.com, HP Sales or an HP Channel Partner, or (b) continue using the standard versions of HP Wolf Pro Security at no additional cost with no future software updates or HP Support. Notwithstanding the foregoing, the license shall expire no later than one year after the fixed term the subject license ends.

¹⁶ Mobile Mark 25 battery life will vary depending on various factors including product model, configuration, loaded applications, features, use, wireless functionality, and power management settings. The maximum capacity of the battery will naturally decrease with time and usage. See www.bapco.com for additional details.

¹⁷ Due to the non-industry 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.

