HP EliteBook Ultra G1q

Accomplish more in less time with the power of a Next-Gen AI PC[1]

Reclaim time and unlock newfound creativity to deliver impactful work with the ultrathin, ultra-responsive HP EliteBook Ultra G1q 14 inch Notebook AI PC.



Built for the new era of AI

A purpose-built Next-Gen AI PC[1] with an NPU[3] capable of 45 TOPS powered by the Qualcomm® Snapdragon® X Elite Platform ARM processor,[2] allowing users to utilize the power of AI locally on device.

Lightning speeds

This ultra power-efficient Snapdragon™ X Elite Platform,[2] with a Hexagon™ NPU[3] and Qualcomm™ Adreno™ GPU, supports lightning-fast speeds and optimal battery life for this thin, sleek device, while delivering the Windows applications and features.

Premium style and Copilot+[4] functionality

With this Copilot+ PC, launch Copilot with a touch of the Copilot key,[4] to write content, analyze data, and stay organized on the sleek Atmospheric Blue HP EliteBook Ultra AI PC. Enjoy ample viewing space and less scrolling on the 14-inch diagonal, 16:10 ratio touch display.

Designed to be mobile and charged throughout your workday

Lighten your load while working on the go with a next-gen AI PC that's ultra thin (14.4mm[21]) and light (1.349kg).[5] Stay productive with responsive performance, power efficiency, optimized battery life and HP Fast Charge (50% in 30 mins).[6]

Experience conferencing the way it should be

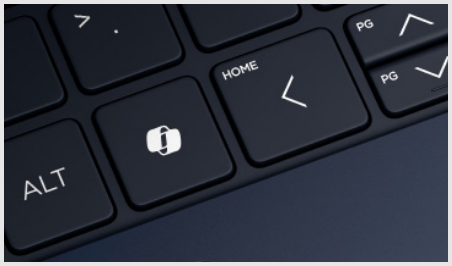
Look your best on video calls and save some power, too. Customize your video controls for internal and external cameras with Poly Camera Pro.[7] Now Auto Frame, Spotlight, Background Blur, and virtual backgrounds save power and increase performance by running on the NPU.[22]

Remain secure while working on the go

This PC includes premium endpoint security to defend against phishing sites and new malware attacks with HP Wolf Pro Security NGAV.[16] As a Microsoft Secured Core PC[9], it also protects at the firmware level with features that shield user credentials and other critical data.

Help protect our shared future

This HP EliteBook Ultra is designed using 50% recycled aluminum in the A, C, and D covers,[10] 50% post-consumer recycled plastic in the keycaps,[11] and the outer box packaging is 100% sustainably sourced and recyclable.[12]



Windows 11 Copilot+ PC[4]

AI assistant is at your fingertips.

Windows 11 Copilot+PC

Qualcomm

Designed for



Modern leaders



Road warriors

Recommended ecosystem[36]



Voyager Free 60+ UC Earbuds



HP Series 7 Pro - 34in WQHD Conferencing Monitor



HP 920 Ergonomic Wireless Mouse



HP 965 Ergonomic Wireless Keyboard

HP EliteBook Ultra G1q

Processor Family	Qualcomm® Snapdragon® X Elite Platform[2,3] 12-core CPU
OS	Windows 11 Home 64 NextGen Premium; Windows 11 Pro 64 NextGen Premium
Dimensions	12.32 x 8.8 x 0.44 (rear) / 0.33 (front) in, maximum height 0.56 in 312.9mm x 223.5mm x 11.23mm(rear)/8.47mm(front), maximum height 14.4mm
Weight	Starting at 2.974 lbs. / 1.349kg (Weight will vary by configuration. Does not include power adapter.)
Display	14-inch diagonal bright-view 2.2K (2240 x 1400) WLED (White LED), Touch[13], Low Blue Light, Ultra Wide Viewing Angle (UWVA) 300 nits, Direct Bond Touch Screen Panel (DBTSP) , 100% sRGB
Available Graphics	Qualcomm® Adreno™ Graphics
Maximum Memory	16GB LPDDR5x-8533 DRAM (Soldered)[14,25]
Internal Storage	512 GB up to 1TB PCIe® 4x4 NVMe™ M.2 SSD 512 GB PCIe® NVMe™ SSD
Input Devices	Full-size, backlit, Atmosphere Blue color keyboard HP Imagepad, Mylar Clickpad, Microsoft Precision Touchpad
Ports & Connectors	Right side: 1x USB-A 3.2 Gen2 (supports HP Charging); 1x stereo headphone/microphone combo jack Left side: 1x USB Type-C® (10Gbps), 1x USB4 (40Gbps)
Communications	Qualcomm Fast Connect 6900 Wi-Fi 6E[26] Dual Band Simultaneous (DBS) Network Adapter Qualcomm Fast Connect 7800 Wi-Fi 7[24] High Band Simultaneous (HBS) Network Adapter
Audio & Video	Audio by Poly Studio, dual stereo speakers, dual microphones 5 MP camera (88° WFoV); IR Camera Poly Camera Pro[7] Windows Studio Effects supported[23]
Battery Type	HP Long Life 3-cell, 59 Wh polymer[15]
Power	HP 65 W USB Type-C® slim adapter
Security Management	Microsoft Pluton Security[9], Wolf Pro Security NGAV[16]
Management Features	HP Application Enabling Service (ARM Specific), HP Documentation, HP Mute LED Service for ARM, HP System Event Utility, HP Privacy Settings, HP 1E Performance Assist
Sustainability	50% recycled aluminum in the A, C and D covers[10,19]; 50% post-consumer recycled plastic in the keycaps[11,19]; 50% post-consumer recycled plastic in the speakerbox[11,19] including 5% ocean-bound plastic[19];100% sustainably sourced packaging[12]; Undergoes 19 MIL-STD 810 tested for durability[17], ENERGY STAR® certified; EPEAT® Climate+ Gold registered in the U.S.[20]

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Footnotes

1.Next Gen AI PC with 40 to 60 TOPS NPU to enable local AI processing.
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. Qualcomm's measuring is not a measurement of clock speed.
3. AI applications 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. Performance varies by use, configuration, and other factors.
4. Copilot in Windows requires Windows 11. Some features require an NPU. Timing of feature delivery and availability varies by market and device. Requires Microsoft account to log in. Where Copilot in Windows is not available, the Copilot key will lead to the Bing search engine. See http://aka.ms/WindowsAIFeatures.
5. Actual weight will vary by configuration.
6. 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.
7. Poly Camera Pro software planned to be available Summer 2024. Requires Windows OS.
8. Requires Windows OS.
9. Secure core: *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 functionality can be enabled from the factory.
10. 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.
11. Recycled plastic content percentage is based on the definition set in the IEEE 1680.1-2018 EPEAT standard
12. 100% outer box packaging made from sustainably sourced certified and recycled fibers.
13. Touch and Sure View will reduce actual brightness.
14. 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.
15. 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.
16. 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:
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.
17. MIL STD 810H 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.
18. 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.
19. Percent of recycled material varies by product.
20. Based on US EPEAT® registration according to IEEE 1680.1-2018 EPEAT®. EPEAT® status varies by country. Visit www.epeat.net for more information.
21. Maximum height is measured at 14.4mm near the back edge where the chassis bottom cover taper ends
22. Eye Contact, Background Blur, and Automatic Framing are Windows Studio features that require Windows 11 OS and a processor equipped with an NPU. AI features may require software purchase, subscription or enablement by a software or platform provider, or may have specific configuration or compatibility requirements. Performance varies by use, configuration, and other factors.
23. Requires Windows OS.
24. 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.
25. Actual memory speed limited to 8448 MT/s by chipset memory controller. 32GB option planned for calendar Q3 2024.
26. Wi-Fi 6E requires a Wi-Fi 6E router, sold separately, and Windows 10 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.

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