

HP EliteBook X G2q 14 inch Notebook Next Gen AI PC

Exceptional battery. AI-fueled. Light for leaders in motion.

Power through long days with exceptional battery life and HP Fast Charge⁴—no scrambling for outlets, no interruptions, with the thin and light HP EliteBook X G2q. Designed for today's business leaders who run AI apps⁵ while they multitask on the road.



*Product image may differ from actual product



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Featuring

Charge fast. Move freely. Lead confidently.

Stay productive with exceptional battery life and HP Fast Charge⁴, delivering up to 50% power in just 30 minutes. Take advantage of onboard AI³ and blazing-fast performance and advanced cooling all packed into a sleek, ultra-thin design.

Clear voice. Crisp visuals. Confident meetings.

Join every meeting with confidence. Poly Camera Pro⁶ keeps you framed, focused, and distraction-free with smart background adjustments and spotlight. Four studio-tuned speakers and two studio-grade mics ensure you're heard loud and clear.

Future-ready security, and a smart design

Built for IT peace of mind—highly secure, manageable, and serviceable, with a top-mounted keyboard that's easy to replace the HP EliteBook X G2q is the premium AI PC that's easy to support and ready for anything.

Help protect our shared future

With over 80-percent of major parts⁷ containing recycled materials⁸ and power data tracking⁹ to help reduce energy use the ENERGY STAR[®] certified and EPEAT[®] Climate+ Gold registered¹⁰ HP EliteBook X represents the latest in design from HP.

HP Recommends Windows 11 Pro for business with Microsoft Copilot

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

Ultra power-efficient Snapdragon[®] processors provide lightning-fast speed and optimal battery life. Choose either the Snapdragon[®] X2 Elite (18 and 12 cores) or the Snapdragon[®] X Plus (6 cores) platforms² with a Hexagon[™] NPU and Adreno[™] GPU.⁴

Stay connected with HP Go

Discover HP Go¹², the easy to set up 5G cellular solution¹³ for your PC. Enjoy seamless, out-of-the-box connectivity for effortless communication, collaboration, and creativity that utilizes the strongest stable connection available.

Optimize PC performance

Work without distraction with HP Smart Sense¹⁴ that keeps your PC whisper quiet under heavy workloads with consistent power 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.¹⁵

Speed up the basics of IT management

Deploy the HP Manageability Integration Kit¹⁶ to help speed up image creation and the management of hardware, BIOS, and security when managing devices through Microsoft Configuration Manager.

Transform IT from cost center to business accelerator

The HP Workforce Experience Platform (WXP)¹⁷ empowers IT teams with AI-powered insights¹⁷ and workflow automation, reducing digital friction to increase employee satisfaction.

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).¹⁸

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.¹⁹

Precision touch

Quiet and smooth, you'll feel the difference of the optional haptic touchpad²⁰ that provides customizable tactile feedback. Use different pressure levels to control features and gestures to automate actions all on a 100-percent clickable surface.

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.⁶ Now Framing, Spotlight, Background Blur, and virtual backgrounds save power running on the NPU.



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Technical specifications

Available Operating Systems	Windows 11 Pro ¹ Windows 11 Home - HP recommends Windows 11 Pro for business ¹ Windows 11 Home Single Language - HP recommends Windows 11 Pro for business ¹ Windows 11 Pro (Windows 11 Enterprise available with a Volume Licensing Agreement) ¹
Processor family	Snapdragon® X Elite processor Snapdragon® X Plus processor
Available Processors ^{2,3}	Snapdragon® X2 Elite X2E-90-100 (up to 4.04 GHz, 18 cores) with Qualcomm® Adreno™ Graphics and Qualcomm® Hexagon™ (85 NPU TOPS) Snapdragon® X2 Elite X2E-84-100 (up to 4.04 GHz, 12 cores) with Qualcomm® Adreno™ Graphics and Qualcomm® Hexagon™ (85 NPU TOPS) Snapdragon® X2 Plus X2P-42-100 (up to 4.04 GHz, 6 cores) with Qualcomm® Adreno™ Graphics and Qualcomm® Hexagon™ (80 NPU TOPS)
Neural Processing Unit	Qualcomm® Hexagon™ NPU ³
Product colour	Glacier silver; Atmospheric blue
Maximum memory	64 GB LPDDR5x-9600 MT/s (onboard); (Transfer rates up to 9600 MT/s.) Slots are non customer accessible/upgradeable. Supports dual channel memory.
Internal storage	512 GB up to 2 TB PCIe® Gen5 NVMe™ M.2 SSD ⁴ 1 TB up to 2 TB PCIe® Gen5x4 NVMe™ M.2 SED SSD ⁴ 512 GB up to 1 TB PCIe® NVMe™ M.2 SSD ⁴ 512 GB PCIe® Gen5 NVMe™ M.2 SED SSD ⁴
Display size (diagonal, metric)	35.6 cm (14")
Display ^{9,10,11,12,13}	14" diagonal, WUXGA (1920 x 1200), IPS, anti-glare, 400 nits, low power, 100% sRGB with HP Eye Ease; 14" diagonal, WUXGA (1920 x 1200), touch, IPS, anti-glare, 800 nits, 100% sRGB, HP Sure View 6 integrated privacy screen with HP Eye Ease; 14" diagonal, WUXGA (1920 x 1200), touch, IPS, anti-glare, 500 nits, 100% sRGB; 14" diagonal, WUXGA (1920 x 1200), IPS, anti-glare, 800 nits, 100% sRGB, HP Sure View 6 integrated privacy screen with HP Eye Ease; 14" diagonal, 3K (2880 x 1800), OLED, 120 Hz, anti-glare, 500 nits, 100% DCI-P3 with HP Eye Ease; 14" diagonal, 3K (2880 x 1800), touch, Tandem OLED, 120 Hz, BrightView, 700 nits, 100% DCI-P3 with HP Eye Ease; 14" diagonal, WUXGA (1920 x 1200), OLED, anti-glare, 300 nits, 100% DCI-P3 with HP Eye Ease 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 6 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 6 integrated privacy screen with HP Eye Ease; 35.6 cm (14") diagonal, 3K (2880 x 1800), OLED, 120 Hz, anti-glare, 500 nits, 100% DCI-P3 with HP Eye Ease; 35.6 cm (14") diagonal, 3K (2880 x 1800), touch, Tandem OLED, 120 Hz, BrightView, 700 nits, 100% DCI-P3 with HP Eye Ease; 35.6 cm (14") diagonal, WUXGA (1920 x 1200), OLED, anti-glare, 300 nits, 100% DCI-P3 with HP Eye Ease
Available Graphics	Integrated: Qualcomm® Adreno™ GPU (Support HDMI 2.1 (up to 4K 60Hz).)
Audio	Audio by Poly Studio, dual stereo speakers, dual microphones enhanced by AI noise reduction
Ports and connectors	2 USB Type-C® 40Gbps signaling rate (USB Power Delivery, DisplayPort™ 1.4); 1 HDMI 2.1; 1 stereo headphone/microphone combo jack; 1 nano security lock slot; 1 USB Type-A 5Gbps signaling rate (powered) ⁸ ; (HDMI cable sold separately.); Optional Ports: 1 nano SIM ⁹
Input devices	HP Premium Keyboard - spill-resistant with optional backlit keyboard ⁵¹ ; Microsoft Precision Touchpad; Haptic trackpad with multi-touch gesture support; Gyroscope; HP Sure Platform; Thermal sensor; Hall effect sensor; Color sensor with Ambient light sensing; Inertial Measurement Unit sensor; Intruder detection ⁹ ; Ambient light sensor
Communications	(Compatible with Miracast-certified devices. ⁶); Qualcomm® FastConnect™ 7800 Wi-Fi 7 (2x2) and Bluetooth® 5.4 wireless card; Qualcomm® Snapdragon™ X72 5G Solution; Qualcomm® Snapdragon™ X72 5G HP Go Solution
Camera	5 MP IR AI camera
Software	Buy Microsoft Office (sold separately) ¹⁸ ; Edge Customization; HP Hotkey support; HP PC Hardware Diagnostics UEFI; HP PC Hardware Diagnostics Windows; HP Privacy Settings; HSA Fusion for Commercial; myHP ¹⁹ ; Poly Camera Pro; Poly Studio Desktop ²⁰
Security management	Secured-Core PC Enable ²³
Security Software Licenses	HP Wolf Pro Security Edition ⁵⁶
Fingerprint reader	Fingerprint sensor



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Technical specifications

Management features	HP Client Management Script Library (download) ²¹ ; HP Cloud Recovery; HP Image Assistant (download) ²²
Power	HP 100 W wall mount USB Type-C® GaN power adapter; HP 65 W wall mount USB Type-C® GaN power adapter; HP 65 W USB Type-C® GaN power adapter ^{9,16}
Battery type	HP Long Life 6-cell, 68 Wh Li-ion polymer; HP Long Life 3-cell, 56 Wh Li-ion polymer ^{9,14} ; Battery is internal. Serviceable by warranty. Fast charging 50% in 30 minutes. ¹⁵
Dimensions	12.31 x 8.54 x 0.52 in (minimum rear); 12.31 x 8.54 x 0.31 in (maximum front); 12.31 x 8.54 x 0.56 in (maximum rear); 12.31 x 8.54 x 0.3 in (minimum front); 31.27 x 21.7 x 1.31 cm (minimum rear); 31.27 x 21.7 x 0.8 cm (maximum front); 31.27 x 21.7 x 1.43 cm (maximum rear); 31.27 x 21.7 x 0.77 cm (minimum front); (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 ; Maximum Height: 0.68 in; 1.71 cm
Weight	Starting at 2.45 lb; Starting at 1.1 kg; (Weight will vary by configuration. Does not include power adapter.)
Ecolabels	EPEAT® registered configurations available; TCO Certified configurations available; EPEAT® Gold registered in the U.S. ¹⁷
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; Ukraine NSoC/TEC; EAEU Compliance; Saudi Arabian Compliance; Low Blue Light; WW RoHS; MIL-STD 810H
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 .



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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>.
- 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 Features and software 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 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.
- ⁵ ISV solutions are sold separately and may require a subscription and NPU.
- ⁶ 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 Major parts do not include screws, cables, inner frame, SSD, memory, and sub PCBs.
- ⁸ Recycled material is expressed as a percentage of the total recycled plastic and metal over the total weight of the product.
- ⁹ Energy Consumption Meter requires Windows 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 Based on US EPEAT® registration according to IEEE 16801-2018 EPEAT®. EPEAT® status varies by country. Visit www.epeat.net for more information.
- ¹¹ Timing of feature delivery and availability varies by market and device. Requires Microsoft account to log in. See aka.ms/copilotpluspcs. Copilot is NOT available in China, Russia, Belarus, and embargoed regions Cuba, Iran, North Korea, Crimea.
- ¹² HP Go is available as a separate subscription in North America, requires 5G and must be configured at the time of purchase on select HP commercial laptops and workstations.
- ¹³ HP 5G module is optional and must be configured at the factory. Module designed for 5G NR NSA (non-standalone) networks as carriers deploy 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 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 supported.
- ¹⁴ Smart Sense requires the HP app and Windows 11 OS. Features may vary by platform.
- ¹⁵ Requires HP app and Windows OS.
- ¹⁶ HP Manageability Integration Kit can be downloaded from <http://www8.hp.com/us/en/ads/clientmanagement/overview.html>.
- ¹⁷ The Workforce Experience Platform (WXP) is available in various tiers and for multiple term license durations, and some features require optional add-on solutions. WXP is for commercial customers and 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. WXP is ISO27001, ISO27701, ISO27017 and SOC2 Type2 certified for Information Security. Activation and restrictions may apply. Select HP solutions require an HP Insights agent for Windows, Mac, & Android, available for download at <https://workforceexperience.hp.com/software>. For full system requirements and services that require the agent, please visit <https://workforceexperience.hp.com/requirements>. The agent collects telemetry and analytics around devices and applications that integrate into the Workforce Experience Platform. Internet access required. HP Vyopta license required for audio and video collaboration technology monitoring. HP Anyware license or compatible third-party virtual machine license required for virtual machine monitoring. Print capabilities are available to select beta customers in the US only. Print is planned to be available in a future release in various tiers as an add-on solution in various term licenses.
- ¹⁸ 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.
- ¹⁹ Requires Windows OS and setup through Windows Hello.
- ²⁰ Optional feature must be configured at time of purchase.

Specification Footnotes

- 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 Features and software 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. Potential NPU inferencing performance varies by use, configuration, and other factors.
- ⁴ For storage drives, GB = 1 billion bytes. TB = 1 trillion bytes. Actual formatted capacity is less. Up to 32 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 OS, select 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.
- ⁶ Miracast is a wireless technology your PC can use to project your screen to TVs, projectors, and streaming.
- ⁷ 5G module is optional. WWAN-ready configuration must be selected at purchase to add WWAN at a later date. Module designed for 5G NR NSA (non-standalone) networks as carriers deploy 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 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 supported.
- ⁸ USB 20Gbps speed is not available with Thunderbolt™ 4.
- ⁹ Sold separately or as an optional feature.
- ¹⁰ Resolutions are dependent upon monitor capability, and resolution and color depth settings.
- ¹¹ HP Sure View integrated privacy screen is an optional feature that must be configured at purchase and is designed to function in landscape orientation.
- ¹² Actual brightness will be lower with touchscreen or Sure View.
- ¹³ All specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower.
- ¹⁴ 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.
- ¹⁵ Recharges your battery up to 50% within 30 minutes when the system is off or in standby mode. 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 50% capacity, charging will return to normal. Charging time may vary +/-10% due to System tolerance.
- ¹⁶ Availability may vary by country.
- ¹⁷ Based on US EPEAT® registration according to EPEAT® standards. EPEAT® status varies by country. Visit <http://www.epeat.net> for more information.
- ¹⁸ Microsoft 365 sold separately and requires Internet access for activation.
- ¹⁹ MyHP requires Windows 10 or higher OS.
- ²⁰ Poly Lens Desktop requires a Windows OS.
- ²¹ HP Client Management Script Library (<https://www.hp.com/us-en/solutions/client-management-solutions.html#tab=manageability-tools>).
- ²² HP Image Assistant not preinstalled, however available for download at (<https://ftp.ext.hp.com/pub/caps-softpaq/cmit/HPIA.html>).
- ²³ 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.
- ⁵¹ Backlit keyboard is an optional feature.
- ⁵² Typical dimension. Actual dimension may vary +/- 0.5mm. Height may vary based on configuration. Maximum Height does not include Rubber feet. Actual maximum product height may vary between 1.59 cm (0.63 in) and 1.71 cm (0.68 in) depending on the configuration/model.
- 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, RPOS and Workstation products. See product details for included security features.

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