

HP EliteBook 6 G2q 14 inch Notebook Next Gen AI PC

Unplugged performance. Configurable design for hybrid work.

All-day battery life⁵ powers your productivity with the EliteBook 6 G2q 14 inch AI PC. Built for hybrid work, this HP Copilot+ PC⁶ combines embedded security⁷, seamless collaboration capabilities, and performance designed to keep you moving forward.

Work unplugged with all-day battery life

The HP EliteBook 6 G2q delivers all-day battery life⁵, secure local AI, and seamless mobile productivity.

Enhanced conferencing and collaboration experience

Remove barriers to collaboration for global teams with this AI PC's studio tuned speakers with AI Noise Reduction⁸ and a 5MP camera.

Protection before the threat

Rest easy with next-gen antivirus defense from malware and protection from credential theft.⁷

*Product image may differ from actual product

Sustainability in action

Help protect our shared future

The HP EliteBook 6 G2q is designed using 50% recycled aluminum⁹ in the external covers and 50% post-consumer recycled plastic¹⁰ in the keycaps. It is ENERGY STAR[®] certified¹¹ and EPEAT[®] Climate+ Gold registered.¹²



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Featuring

Enterprise-grade reliability for IT-driven deployment

Empower productivity with an ultraslim device built for modern work—supporting advanced AI³ and robust security. Engineered to meet corporate IT standards and deliver seamless performance across demanding environments.

AI powered collaboration experiences

Remove barriers to collaboration for global teams with this HP Copilot+ PC.⁶ Live Captions,⁸ studio tuned speakers, and Auto Frame³ allow for more natural and productive conversations.

Protection before the threat

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).⁷

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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.¹³

Lightning speeds

Ultra power-efficient Snapdragon[™] processors provide lightning-fast speed and optimal battery life. Choose either the Snapdragon[™] X Elite Platform² (12 core) or the Snapdragon[™] X or X Plus Platform² (8 core) with a Hexagon[™] NPU and Adreno[™] GPU.³

Stay connected with HP Go

Discover HP Go¹⁴, the easy to set up 5G cellular solution¹⁵ for your PC. Enjoy seamless, out-of-the-box connectivity for effortless communication, collaboration, and creativity that utilizes the strongest stable connection available.

Business-ready AI with real-world benefits

Charge once and unplug all day with devices that are 5X faster than 5-year-old Windows PCs.¹⁶ Get the best video conferencing, exclusive AI features⁴ and long battery life¹⁷ on this Copilot+ PC.⁶

Engage your audience

No need for extra lights, expensive lenses, or sound-proof rooms. Windows Studio Effects automatically keeps you in frame, improves lighting, and cancels noises during video calls—perfect for when presentation matters.¹⁸

Browse confidently

Help protect your PC from websites and read-only Microsoft Office and PDF attachments with malware, ransomware, or viruses with hardware-enforced security from HP Sure Click.¹⁹

HP Sure Sense

Malware is evolving rapidly beyond traditional antivirus capabilities. Protect your PC against never-before-seen attacks with HP Sure Sense, which combines behavioral analysis with advanced AI techniques to provide exceptional protection.²⁰

Speed up the basics of IT management

Deploy the HP Manageability Integration Kit²¹ 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)²² empowers IT teams with AI-powered insights and workflow automation, reducing digital friction.

Find, lock, or erase a lost PC

HP Wolf Security Protect and Trace with Wolf Connect^{23,24} allows you to Find, Lock, or Erase a PC virtually anywhere in the world, even if it's turned off. This HP exclusive takes data security and asset management to an entirely new level.

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.²⁵



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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® X2 Plus processor Snapdragon® X2 Elite processor
Available Processors	Snapdragon® X2 Elite X2E-84-100 (up to 4.7 GHz, 12 cores) with Qualcomm® Adreno™ Graphics and Qualcomm® Hexagon™ (85 NPU TOPS); Snapdragon® X2 Elite X2E-64-100 (up to 4.0 GHz, 10 cores) with Qualcomm® Adreno™ Graphics and Qualcomm® Hexagon™ (80 NPU TOPS); Snapdragon® X2 Plus X2P-42-100 (up to 4.0 GHz, 6 cores) with Qualcomm® Adreno™ Graphics and Qualcomm® Hexagon™ (80 NPU TOPS)
Neural Processing Unit	Qualcomm® Hexagon™ NPU ³
Product colour	Glacier silver
Maximum memory	64 GB LPDDR5x-9600 MT/s (onboard) Memory soldered down.
Internal storage	512 GB up to 2 TB PCIe® Gen5 NVMe™ M.2 SSD ⁴ 1 TB PCIe® Gen5x4 NVMe™ M.2 SSD ⁴ 256 GB up to 1 TB PCIe® NVMe™ M.2 SSD ⁴
Display size (diagonal, metric)	35.6 cm (14")
Display^{9,10,11,12}	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, 300 nits, 62.5% sRGB; 35.6 cm (14") diagonal, WUXGA (1920 x 1200), IPS, anti-glare, 300 nits, 62.5% sRGB; 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; 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
Available Graphics	Integrated: Qualcomm® Adreno™ GPU (Support DirectX® 12, UHD, HD decode, HDCP 2.3, HDMI 2.1 (up to 4K 60Hz).)
Audio	Audio by Poly Studio, quad stereo speakers with discrete amplifiers, dual microphones enhanced by AI noise reduction
Ports and connectors	1 HDMI 2.1; 1 stereo headphone/microphone combo jack; 1 RJ-45; 1 nano security lock slot; 2 USB Type-A 5Gbps signaling rate (powered); 2 Thunderbolt™ 4 with USB Type-C® 40Gbps signaling rate (USB Power Delivery 3.0, DisplayPort™ 1.4) ⁸ ; (HDMI cable sold separately.); Optional Ports: 1 Smartcard reader (optional); 1 nano SIM ⁹
Input devices	Spill-resistant, optional backlit keyboard with DuraKeys ⁵¹ ; Glass clickpad with gesture support as default, Microsoft Precision Touchpad; HP Sure Platform; Thermal sensor; Hall effect sensor ⁹ ; Ambient light sensor
Communications	(Compatible with Miracast-certified devices. ⁶); Realtek RTL8111HSH-CG GbE; Qualcomm® FastConnect™ C7700 Wi-Fi 7 (2x2) and Bluetooth® 6.0 wireless card; Qualcomm® Snapdragon™ X72 5G Solution; Qualcomm® Snapdragon™ X72 5G HP Go Solution; Near Field Communication (NFC) module ⁵
Camera	5 MP HDR camera with Image Signal Processing (ISP) and AI presence detection; IR camera; FHD HDR camera ⁹
Software	Buy Microsoft Office (sold separately) ¹⁶ ; Edge Customization; HP Hotkey support; HP IQ ¹⁷ ; HP PC Hardware Diagnostics UEFI; HP PC Hardware Diagnostics Windows; HP Privacy Settings; HP Support Assistant ¹⁸ ; HSA Fusion for Commercial; HP App ¹⁹ ; Poly Studio Desktop ²⁰ ; Copilot in Windows with Copilot key ²¹
Security management	Secured-core PC capable ²⁹
Fingerprint reader	Fingerprint sensor (select models)



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Management features	HP Client Catalog (download) ²² ; HP Client Management Script Library (download) ²³ ; HP Cloud Recovery ²⁴ ; HP Connect for Microsoft Endpoint Manager ²⁵ ; HP Image Assistant (download) ²⁶ ; HP Manageability Integration Kit (download) ²⁷ ; HP Power Manager with Battery Health Manager (download) ²⁸
Power	HP 65 W USB Type-C® GaN power adapter; HP 65 W wall mount USB Type-C® GaN Halogen-free power adapter; HP 100 W wall mount USB Type-C® GaN Halogen-free power adapter ^{9,15}
Battery type	HP Long Life 3-cell, 56 Wh Li-ion polymer; HP Long Life 3-cell, 68 Wh Li-ion polymer ^{9,13} ; Battery is internal and not replaceable by customer. Serviceable by warranty. Fast charging 50% in 30 minutes. ¹⁴
Dimensions	31.48 x 22.2 x 1.07 cm (minimum front); 31.48 x 22.2 x 1.69 cm (minimum rear); 31.48 x 22.2 x 1.12 cm (maximum front); 31.48 x 22.2 x 1.74 cm (maximum 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 ; Maximum Height: 1.99 cm
Weight	Starting at 1.73 kg; (Weight will vary by configuration. Does not include power adapter.)
Energy star certified	ENERGY STAR® certified
Certification and compliance	GS Mark; 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
TCO certified	TCO Certified, generation 10 ⁶⁴
EPEAT registered	EPEAT registered configurations available ³¹
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 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.
- ³ Battery life based on video playback, 2.2k (2240 x 1400) resolution, 200 nits brightness, system audio level as image default, player audio level at 18%, played full-screen from local storage, headphone attached or through speaker (if no audio jack port), wireless on but not connected. Actual battery life will vary depending on configuration and maximum capacity will naturally decrease with time and usage.
- ⁴ On some devices, some Copilot+ PC experiences require free updates continuing to roll out from Microsoft. Timing varies by device and region. See aka.ms/copilotpluspcs. Copilot is NOT available in China, Russia, Belarus, and embargoed regions Cuba, Iran, North Korea, Crimea.
- ⁵ HP Wolf Pro Security NGAV one (1) year license is included on HP EliteBook 6 G2q. 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.
- ⁶ Currently supports translation for video and audio subtitles into English from 40+ languages. See <https://aka.ms/nextgenaiops>.
- ⁷ 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.
- ⁸ Recycled plastic content percentage is based on the definition set in the IEEE 1680.1-2018 EPEAT standard.
- ⁹ ENERGY STAR® certified products meet strict energy efficiency guidelines set by the U.S. Environmental Protection Agency. ENERGY STAR® and the ENERGY STAR® logo are registered trademarks of the U.S. Environmental Protection Agency.
- ¹⁰ Based on US EPEAT® registration according to IEEE 1680.1-2018 EPEAT®. EPEAT® status varies by country. Visit www.epeat.net for more information.
- ¹¹ Microsoft Copilot 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 is not available, the Copilot key will lead to the Bing search engine. See <http://aka.ms/WindowsAIFeatures>.
- 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 Based on Cinebench R20 Multi Core benchmark test conducted by Microsoft from June to September 2025.
- ¹⁵ Battery life varies significantly by device and with settings, usage and other factors. See aka.ms/cpclaims.
- ¹⁶ Windows Studio Effects features require Windows 11 OS and a processor equipped with an NPU.
- ¹⁷ HP Sure Click requires Windows 10 and higher. See https://bit.ly/2PrL76A_SureClick for complete details.
- ¹⁸ HP Sure Sense is available on select HP PCs with Windows 10 Pro, Windows 10 Enterprise, Windows 11 Pro, or Windows 11 Enterprise OS.
- ¹⁹ HP Manageability Integration Kit can be downloaded from <http://www8.hp.com/us/en/ads/clientmanagement/overview.html>.
- ²⁰ 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, 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.
- ²¹ Service not available in all countries. Cellular service worldwide is limited to areas that Wolf Connect has service available. To learn more about solution service coverage, visit <https://www.hpwolf.com/en/legal/ptwc/countries>.

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 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 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.
- 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 signaling rate is not available with Thunderbolt™ 4. Actual throughput may vary.
- ⁹ Optional feature that must be configured at the time of purchase.
- 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. Actual brightness will be lower with touchscreen or Sure View.
- ¹² All specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower.
- ¹³ 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.
- ¹⁴ 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.
- ¹⁵ Availability may vary by country.
- ¹⁶ Microsoft 365 sold separately and requires Internet access for activation.
- ¹⁷ 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.
- ¹⁸ HP Support Assistant is available on Windows. For more information, please visit <http://www.support.hp.com/help/hp-support-assistant>.
- ¹⁹ HP App with Multicamera support for Mini Desktop PC will only be available on 13th processor and beyond.
- ²⁰ Poly Studio Desktop requires a Windows OS.
- ²¹ On some devices, some Copilot+ PC experiences require free updates continuing to roll out from Microsoft. Timing varies by device and region. See aka.ms/copilotpluspcs. Copilot is NOT available in China, Russia, Belarus, and embargoed regions Cuba, Iran, North Korea, Crimea.
- ²² HP Client Catalog not preinstalled, however available for download at (<https://www.hp.com/us-en/solutions/client-management-solutions.html>).
- ²³ HP Client Management Script Library (<https://www.hp.com/us-en/solutions/client-management-solutions.html#tab=manageability-tools>).
- ²⁴ 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/document/c05115630>.
- ²⁵ 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.
- ²⁶ HP Image Assistant not preinstalled, however available for download at (<https://ftp.ext.hp.com/pub/caps-softpaq/cmit/HPIA.html>).
- ²⁷ HP Manageability Integration Kit can be downloaded from <http://www.hp.com/go/clientmanagement>.
- ²⁸ 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.
- ²⁹ 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.
- ³⁰ HP Fingerprint Sensor is an optional feature and requires configuration at purchase.
- ³¹ Based on US registration according to EPEAT criteria and EPEAT Climate+ status and tier level varies by country. Visit <http://www.epeat.net> for more information.
- ³² Backlit keyboard is an optional feature.
- ³³ 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 1.69 cm (0.66 in) and 1.99 cm (0.78 in) depending on the configuration/model.
- ³⁴ HP Wolf Security for Business for ARM requires Windows 10 or 11 (Pro or Home) or higher, includes various HP security features and is available on HP X, Ultra, Pro, Elite, Engage and Workstation products. See product details for included security features.
- ³⁵ TCO Certified is a ISO 14024 Type 1 sustainability label for IT products. Compliance with all criteria is independently verified.

