

HP EliteBook 6 G1q 14 inch Notebook Next Gen AI PC (BX8P3PT)



Power your organization into the future with next-gen AI

Maximize productivity and performance on the highly configurable HP EliteBook 6 G1q Next Gen AI PC. Leverage AI capabilities to streamline tasks, jumpstart creativity, and improve collaboration with virtual teams on a battery that lasts all day.[3,4]



HP Recommends Windows 11 Pro

Summarize and rewrite content, get relevant recommendations, and stay organized with Microsoft Copilot.[1,12]

Snapdragon™ X Platform

Unlock the lightning-fast speeds for all your productivity needs with this thin, sleek device.[2,3]

Battery that outlasts the workday

Get more done with battery life[4] that outlasts the workday and is efficiently managed by next-gen AI.

Featuring

HP recommends Windows 11 Pro for business

Work anywhere without compromising on performance with Windows 11 and HP collaboration, security, and connectivity technology. Summarize and rewrite content, get relevant content recommendations, and stay organized with Microsoft Copilot. [5]

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. [6]

Fast and efficient wireless LAN

The portability of your PC and the reliability of a fast connection determines where you can work. Get a fast and reliable connection in dense wireless environments with gigabit data rate Wi-Fi 7. [7]

Browse confidently

Help protect your PC from websites and read only Microsoft Office and PDF attachments with embedded malware, ransomware, or viruses with hardware-enforced security from HP Sure Click. [9]

Protect identities with HP Multi-Factor Authenticate Gen3

Keep your network and VPN safe from unauthorized access by requiring up to three factors of authentication for log-in—including fingerprint sensor and IR camera facial recognition—with policies hardened at the silicon level.

Specifications

Operating system	Windows 11 Pro ^[1]
Product color	Pike silver aluminum
Processor family	Snapdragon® X Plus processor
Processor	Snapdragon® X Plus X1P-42-100 (up to 3.4 GHz, 8 cores) ^[2,3]
Memory	16 GB LPDDR5x-8533 MT/s (onboard)
Internal Storage	512 GB PCIe® NVMe™ SSD
Graphics	Integrated
Graphics (integrated)	Qualcomm® Adreno™ GPU
Display	35.6 cm (14") diagonal, WUXGA (1920 x 1200), IPS, anti-glare, 300 nits, 62.5% sRGB
Display	14" diagonal, WUXGA (1920 x 1200), IPS, anti-glare, 300 nits, 62.5% sRGB ^[11,12,13,14]
Display size (diagonal)	35.6 cm (14")
Display size (diagonal)	14"
Audio	Audio by Poly Studio, dual stereo speakers, dual array microphones
Dimensions (W x D x H)	31.86 x 22.43 x 1.09 cm (front); 31.86 x 22.43 x 1.7 cm (rear) <i>(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.)</i>
Dimensions (W x D x H)	12.54 x 8.83 x 0.43 in (front); 12.54 x 8.83 x 0.67 in (rear) <i>(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.)</i>
Weight	Starting at 1.44 kg <i>(Weight will vary by configuration. Does not include power adapter.)</i>
Weight	Starting at 3.17 lb <i>(Weight will vary by configuration. Does not include power adapter.)</i>
Keyboard	Spill-resistant keyboard
Pointing device	Clickpad with multi-touch gesture support
Input devices	Thermal sensor; Hall effect sensor ^[10]
Camera	5 MP IR camera
Ports	2 USB Type-C® 40Gbps signaling rate (USB Power Delivery, DisplayPort™ 1.4); 1 HDMI 2.1; 1 stereo headphone/microphone combo jack; 1 RJ-45; 1 security lock slot; 1 USB Type-A 5Gbps signaling rate (charges with power-on); 1 USB Type-A 5Gbps signaling rate (charges with power-off) ^[9]
Wireless	Qualcomm® FastConnect™ 7800 Wi-Fi 7 (2x2) High Band Simultaneous (HBS) and Bluetooth® 5.4 wireless card
Power	65 W USB Type-C® adapter ^[17]
Battery type	HP Long Life 3-cell, 56 Wh Li-ion polymer
Ecolabels	TCO Certified
Energy star certified	ENERGY STAR® certified
Sustainable impact specifications	Low halogen; Bulk packaging available; 20% post-consumer recycled plastic; Ocean-bound plastic in speaker enclosure and system fan; 50% ocean-bound plastic; 50% recycled metal; 100% of HP paper-based packaging is from recycled or certified sustainable sources; Product Carbon Footprint
UPC number	199251729065
Manufacturer 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 .

Top Recommended Displays, Accessories and Services

Series 5 Pro

HP Series 5 Pro 27 inch QHD Monitor - 527pq	9D9S0UT
HP Series 5 Pro 23.8 inch FHD USB-C Conferencing Monitor - 524pm	9E0G9UT

Wired Headset

Poly Blackwire 3320 Stereo USB-C Headset +USB-C/A Adapter	8X219AA
Poly Blackwire 5220 Stereo USB-C Headset +3.5mm Plug +USB-C/A Adapter	8X231AA

Wireless Headset

Poly Voyager 4320 USB-C Headset +BT700 dongle	76U50AA
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Backpacks

HP Everyday 16-inch Laptop Backpack	A08KLUT
HP Travel Plus 30L 17-inch Laptop Backpack	A2CE0AA

Topload Bags

HP Travel Plus 15L 14-inch Laptop Bag	A2CE2AA
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Wireless Keyboards

HP 455 Programmable Wireless Keyboard	4R177AA
HP 475 Dual-Mode Wireless Keyboard	7N7B9UT
HP 685 Comfort Dual-Mode Keyboard	8T6L9UT

Wireless Mice

HP 435 Multi-Device Wireless Mouse	3B4Q5UT
HP 515 Ultra-Fast Rechargeable Wireless Mouse	9C2F7AA
HP 685 Comfort Dual-Mode Mouse	8T6M0UT

Docking

HP Thunderbolt 4 100W G6 Dock	9X472UT
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Port Replicators

HP Universal USB-C Multiport Hub	50H55UT
HP USB-C Travel Hub G3	86S97UT

Power Adapters

HP USB-C 65W Laptop Charger	671R3UT
HP 65W GaN USB-C Laptop Charger	600Q8UT
HP 110W USB-C Laptop Charger	8B3Y2UT

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] 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.

[5] 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. ISP fees may apply and additional requirements may apply over time for updates. See <http://www.windows.com>. Microsoft Copilot requires Windows 11. Some features require an NPU. Timing and availability will be dependent on Microsoft and 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>.

[6] 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. 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.

[7] 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. Wi-Fi® supporting gigabit data rate is achievable with Wi-Fi 7 (802.11BE) when transferring files between two devices connected to the same router. Requires a wireless router, sold separately, that supports 160MHz channels.

[9] HP Sure Click requires Windows 10 and higher. See https://bit.ly/2PrLT6A_SureClick for complete details.

[12] 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.

Technical Specifications Footnotes

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[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.

[9] Lock is sold separately.

[10] Optional feature must be configured at the time of purchase.

[11] Resolutions are dependent upon monitor capability, and resolution and color depth settings.

[12] HP Sure View integrated privacy screen is an optional feature that must be configured at purchase and is designed to function in landscape orientation.

[13] Actual brightness will be lower with touchscreen or Sure View.

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

[17] Availability may vary by country.

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