ProductSheet

HP EliteBook X G1a 14 inch Notebook Next Gen AI PC (B8GL5PT)

The game-changing AI PC tech experts dream about

Bring game-changing speed and continuity for faster local LLM-based content generation with the EliteBook X G1a Next Gen AI PC—the tech visionaries' choice for lightning-fast and secure local AI.[3] Tap into your genius, take ideas from start to finish, and confidently share those ideas with personalized audio and video.[3]



HP Recommends Windows 11 Pro
Summarize and rewrite content, get relevant recommendations, and stay organized with Microsoft Copilot.[7]

Protected by HP Wolf Security
HP Wolf Security for Business creates a hardware-enforced, always-on, resilient defense.[10]

Long battery life
HP Smart Sense[8] keeps your PC cool and quiet, and Adaptive Dimming[9] helps conserve battery life.

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]

AI-enhanced features
Work without distractions with HP Smart Sense that uses AI to deliver the best balance of power and performance, and help conserve battery with Adaptive Dimming that automatically dims your screen when you're not looking at it. [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. [11]

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. [12]

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. [13]

Specifications

Operating System Software	Windows 11 Pro
Processor Family	AMD Ryzen™ AI 7 PRO processor
Processor Name	AMD Ryzen™ AI 7 PRO 360 (up to 5.0 GHz max boost clock, 16 MB L3 cache, 8 cores, 16 threads)[6,7]
Standard Memory Description 01	16 GB LPDDR5x-8533 MT/s (onboard)
Hard Drive Description (01)	512 GB PCIe® Gen4 NVMe™ TLC SSD
Graphics Card Segment 01	Integrated
GScardseg 01 Available Card 01	AMD Radeon™ Graphics
Display Description (metric)	35.6 cm (14") diagonal, WUXGA (1920 x 1200), IPS, anti-glare, 400 nits, 100% sRGB
Display Description	14" diagonal, WUXGA (1920 x 1200), IPS, anti-glare, 400 nits, 100% sRGB[10,11,12,13]
Audio Features	Audio by Poly Studio, quad stereo speakers with discrete amplifiers, integrated dual array microphones
Product Dimensions W x D x H (metric)	31.22 x 21.46 x 0.92 cm (front); 31.22 x 21.46 x 1.31 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.)*
Product Dimensions W x D x H (imperial)	12.29 x 8.45 x 0.36 in (front); 12.29 x 8.45 x 0.52 in (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.)*
Weight (metric)	Starting at 1.49 kg *(Weight will vary by configuration. Does not include power adapter.)*
Weight (imperial)	Starting at 3.3 lb *(Weight will vary by configuration. Does not include power adapter.)*
Keyboard	HP Premium Keyboard – spill-resistant, soft gray, backlit keyboard
Pointing Device	Clickpad with multi-touch gesture support, taps enabled as default
Sensors	Accelerometer; HP Sure Platform; Thermal sensor; HP Tamper Lock; Hall effect sensor[29]
Integrated Camera	5 MP IR camera
External I/O Ports	1 USB Type-C® 10Gbps signaling rate (USB Power Delivery, DisplayPort™ 2.1); 1 HDMI 2.1; 1 stereo headphone/microphone combo jack; 2 Thunderbolt™ 4 with USB Type-C® 40Gbps signaling rate (USB Power Delivery, DisplayPort™ 2.1); 1 USB Type-A 10Gbps signaling rate (powered)[9] *(Cables are not included.)*
Wireless Technologies	MediaTek Wi-Fi 7 MT7925 (2x2) and Bluetooth® 5.4 wireless card
Power Supply Required	HP 100 W USB Type-C® slim adapter[33]
Battery Type	HP XL-Long Life 4-cell, 74.5 Wh Li-ion polymer
Ecolabels (fixed)	TCO Certified
Energy Star Certified	ENERGY STAR® certified
Sustainability Specifications	At least 20% post-consumer recycled plastic; Ocean-bound plastic in speaker enclosure(s); At least 35% recycled metal; Low halogen; Molded paper pulp cushion and folded corrugated cushion inside box are made of 100% recycled or certified sources; Outside box and corrugated cushions are made of 100% recycled or certified sources
UPC Number	(AB1) 198990504612; (AB4) 198990504599; (ABG) 198990504568; (AKL) 198990504582; (AR6) 198990504605; (UUF) 198990504575
Manufacturer Warranty	1-year warranty and 90 day software limited warranty options depending on country. Batteries have a default one year limited warranty. 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 7 Pro	
HP Series 7 Pro 27 inch QHD Monitor - 727pq	8J4D8UT
HP Series 7 Pro 27 inch 4K Conferencing Monitor - 727pm	8K135AA
HP Series 7 Pro 27 inch 4K Thunderbolt 4 Monitor - 727pk	8J9G2AA
Wired Headset	
Poly Blackwire 8225 Stereo USB-C Headset +USB-C/A Adapter	8X223AA
Wireless Headset	
Poly Voyager Legend 50 Headset UC	AT9M9AA
Poly Voyager Focus 2 USB-C-C Headset +USB-C/A Adapter	9T9J3AA
Topload Bags	
HP Travel Plus 15L 14-inch Laptop Bag	A2CE2AA
Sleeves	
HP Renew Executive 14-inch Laptop Sleeve	6B8Y3AA
Backpacks	
HP Renew Executive 16 Laptop Backpack	6B8Y1UT
Wireless Keyboards	
HP 685 Comfort Dual-Mode Keyboard	8T6L9UT
HP 725 Multi-Device Rechargeable Wireless Keyboard	9T5B2AA
HP 965 Ergonomic Wireless Keyboard	7E756AA
Wireless Mice	
HP 515 Ultra-Fast Rechargeable Wireless Mouse	9C2F7AA
HP 685 Comfort Dual-Mode Mouse	8T6M0UT
HP 715 Rechargeable Multi-Device Mouse	6E6F0AA
Port Replicators	
HP Portable USB-C Hub	B8SU8UT
HP Universal USB-C Multiport Hub	50H55UT
HP USB-C Travel Hub G3	86S97UT
HP USB-C to USB-A Hub	Z6A00AA
HP 4K USB-C Multiport Hub	6G843AA
Docking	
HP Thunderbolt 4 100W G6 Dock	9X472UT
HP Thunderbolt 4 Ultra 180W G6 Dock	9X481UT
Power Adapters	
HP 110W USB-C Laptop Charger	8B3Y2UT

Messaging Footnotes

[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.

[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] The HP Device Life Extension capability is for HP commercial PCs. HP Certified partners will perform functional diagnostics, data removal, interior and exterior cleaning, enhance device performance, reimaging, and conduct platform updates. This service is available as a Care Pack when it is sold with new hardware or to existing devices by purchasing it within the existing Post Warranty eligibility window. See datasheet for complete details.

[6] Smart Sense requires the myHP app and Windows 11 OS. Features may vary by platform. Adaptive Dimming only functions when the camera shutter is open.

[7] 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.

[8] Smart Sense requires the HP app and Windows 11 OS. Features may vary by platform.

[9] Adaptive Dimming only functions when the camera shutter is open.

[10] HP Wolf Security for Business requires Windows 10 or 11 Pro and higher, includes various HP security features and is available on HP Pro, Elite, Workstation, and RPOS products. See product details for included security features.

[11] 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.

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

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

Technical Specifications Footnotes

[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. AMD's numbering is not a measurement of clock speed.

[7] Max Boost clock frequency performance varies depending on hardware, software and overall system configuration.

[9] USB 20Gbps speed is not available with Thunderbolt™ 4.

[10] Wide Ultra XGA (WUXGA)/2K content required to view WUXGA/2K images.

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

[12] Actual brightness will be lower with touchscreen.

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

[29] HP Tamper Lock must be enabled by the customer or your administrator.

[33] Availability may vary by country. 140W adapter is available only for India.

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