ProductSheet

HP EliteBook X G1a 14 inch Notebook Next Gen AI PC Wolf Pro Security Edition (B88DCUT)

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]

Commanding AMD processor
Develop innovative ideas with the lightning-fast AMD Ryzen™ processor with an up to 55 TOPS NPU.[2,3]

Long battery life
HP Smart Sense[8] balances power and performance, 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]

Protected by HP Wolf Security
HP Wolf Security for Business creates a hardware-enforced, always-on, resilient defense. From the BIOS to the browser, above, in, and below the OS, these constantly evolving solutions help protect your PC from modern threats. [10]

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]

Specifications

Operating system	Windows 11 Pro
Processor family	AMD Ryzen™ AI 7 PRO processor
Processor	AMD Ryzen™ AI 7 PRO 360 (up to 5.0 GHz max boost clock, 16 MB L3 cache, 8 cores, 16 threads)[6,7]
Internal Storage	512 GB PCIe® Gen4 NVMe™ TLC SSD
Graphics	Integrated
Graphics (integrated)	AMD Radeon™ Graphics
Display	35.6 cm (14") diagonal, 2.8K (2880 x 1800), OLED, touch, IPS, BrightView, 400 nits, low power, 100% sRGB with HP Eye Ease
Display	14" diagonal, 2.8K (2880 x 1800), OLED, touch, IPS, BrightView, 400 nits, low power, 100% sRGB with HP Eye Ease[10,11,12,13]
Display size (diagonal)	35.6 cm (14")
Display size (diagonal)	14"
Audio	Audio by Poly Studio, quad stereo speakers with discrete amplifiers, integrated dual array microphones
Dimensions (W x D x H)	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.)*
Dimensions (W x D x H)	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	Starting at 1.49 kg *(Weight will vary by configuration. Does not include power adapter.)*
Weight	Starting at 3.3 lb *(Weight will vary by configuration. Does not include power adapter.)*
Keyboard	HP Premium Keyboard – spill-resistant, backlit keyboard
Pointing device	Clickpad with multi-touch gesture support, taps enabled as default
Input devices	Accelerometer; HP Sure Platform; Thermal sensor; HP Tamper Lock; Hall effect sensor[29]
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	MediaTek Wi-Fi 7 MT7925 (2x2) and Bluetooth® 5.4 wireless card
Power	HP 100 W USB Type-C® slim adapter[33]
Battery type	HP XL-Long Life 4-cell, 74.5 Wh Li-ion polymer
Ecolabels	TCO Certified
Energy star certified	ENERGY STAR® certified
Sustainable impact specifications	Low halogen; Molded paper pulp cushion inside box is 100% sustainably sourced and recyclable; Outside box and corrugated cushions are 100% sustainably sourced and recyclable; 20% post-consumer recycled plastic; Ocean-bound plastic in speaker enclosure(s); At least 35% recycled metal
UPC number	(ABA) 198990462912; (ABL) 198990628486
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

No Top Recommended Displays, Accessories and Services

Messaging Footnotes

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

[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] 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] 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.

[8] Smart Sense requires the myHP 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.

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.