


HP EliteBook 6 G1i 16 inch Notebook AI PC Wolf Pro Security Edition



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Series →

Overview



Active between  
Mar 27, 2025 - Dec 30, 2025

AI-based experiences and modern connectivity enhance user productivity. The HP EliteBook 6 G1i AI 16 inch PC offers an 11 TOPS NPU[3], enterprise-grade security and manageability in a highly configurable PC that meets the demanding needs of enterprise users.

List Price \$ 1,529.00

HP Recommends Windows 11 Pro

Summarize and rewrite content, get relevant recommendations, and stay organized with Microsoft Copilot.[1,9]

Intel® powers PCs enhanced by AI

Free up time to focus on what matters with the latest Intel® Core™ Ultra processor with an NPU.[2,3]

Easy battery management

Manage battery performance and customize charging options with the easy-to-use HP Power Manager dashboard.[5]

Protected by HP Wolf Security

HP Wolf Pro Security Edition PCs interlace HP Sure Click Pro with HP Sure Sense Pro providing more in-depth coverage than the standard versions through a 1-year or 3-year user license with HP Support.[4] This creates a powerful, single solution that doesn’t require an IT-managed PC environment.

Overview

[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] 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. Intel’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.

[4] HP Wolf Pro Security Edition is available preloaded on select SKUs, and, depending on the HP product purchased, includes a license with a term length communicated to you at purchase and in your order confirmation email. The HP Wolf Pro Security Edition 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](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 Edition 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 Sure Click and HP Sure Sense 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 of the subject license ends.

[5] Requires HP app and Windows OS.

[9] 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.

## Specifications

### All Specs

Accessories	Poly Blackwire 3210 Monaural USB-C Headset +USB-C/A Adapter 8X214AA; HP Everyday 16 odyssey gray Laptop Backpack A08KLAA; HP Universal USB-C Hub and Laptop Charger Combo 9H0H9AA; HP 655 Wireless Keyboard and Mouse Combo 860P8AA; HP 65W GaN USB-C LC Laptop Charger 9Y3X5AA
Audio	Audio by Poly Studio, dual stereo speakers, dual array microphones
Battery life note	Battery is internal and not replaceable by customer. Serviceable by warranty. Fast charging 50% in 30 minutes.
Battery type	HP Long Life 3-cell, 56 Wh Li-ion polymer
Brightness	300 nits
Camera	5 MP IR camera
Certifications and compliances	CECP; 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
Color	Pike silver
Color gamut	62.5% sRGB
Country of origin	China(ABA, ABL); Thailand(ABA, ABL)
Dimension note (imperial)	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)	14.15 x 9.88 x 0.43 in (front); 14.15 x 9.88 x 0.67 in (rear)
Display	16" diagonal, WUXGA (1920 x 1200), IPS, anti-glare, 300 nits, 62.5% sRGB
Display size (diagonal)	16"
Ecolabels	TCO Certified
End of Life CO2e (kg)	1
Energy star certified	ENERGY STAR® certified
Energy Usage CO2e (kg)	17

Fingerprint reader	Fingerprint reader
Graphic card footnote number	[57]
Graphics	Integrated
Graphics (integrated)	Intel® Graphics
Input devices	HP Sure Platform; Thermal sensor; HP Tamper Lock; Hall effect sensor
Internal Storage	512 GB PCIe® NVMe™ SSD
Keyboard	Spill-resistant, backlit keyboard with numeric keypad
Manageability Features 1	HP Client Catalog (download)
Manageability Features 2	HP Client Management Script Library (download)
Manageability Features 3	HP Cloud Recovery
Manageability Features 4	HP Connect for Microsoft Endpoint Manager
Manageability Features 5	HP Driver Packs (download)
Manageability Features 6	HP Image Assistant (download)
Manageability Features 7	HP Manageability Integration Kit (download)
Manageability Features 8	HP Power Manager with Battery Health Manager (download)
Manageability Features footnote number 1	[25]
Manageability Features footnote number 2	[26]
Manageability Features footnote number 3	[27]
Manageability Features footnote number 5	[28]
Manageability Features footnote number 6	[29]
Manageability Features footnote number 7	[30]
Manageability Features footnote number 8	[31]
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 <a href="http://www.hp.com/support/batterywarranty/">http://www.hp.com/support/batterywarranty/</a> 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: <a href="http://www.hp.com/go/cpc">http://www.hp.com/go/cpc</a> .
Material Type for item	FERT

Memory	16 GB DDR5-5600 MT/s (2 x 8 GB)
Memory and storage	16 GB memory;512 GB SSD storage
Memory layout (slots & size)	2 x 8 GB
Memory Slots	2 SODIMM
Network interface	Intel® I219-V GbE, non-vPro®
Neural Processing Unit	Intel® AI Boost (12 NPU TOPS)
Operating system	Windows 11 Pro
Pointing device	Clickpad with multi-touch gesture support
Ports	1 smart card reader
Ports note	Cables are not included.
Power	65 W USB Type-C® adapter
Processor	Intel® Core™ Ultra 7 255U (up to 5.2 GHz with Intel® Turbo Boost Technology, 12 MB L3 cache, 12 cores, 14 threads)
Processor cache	12 MB L3
Processor core	12
Processor family	Intel® Core™ Ultra 7 processor
Product color	Pike silver aluminum
Product long name specifications	HP EliteBook 6 G1i 16 inch Notebook AI PC Wolf Pro Security Edition, 16", Windows 11 Pro, Intel® Core™ Ultra 7, 16GB RAM, 512GB SSD, WUXGA
Product short name specifications	HP EliteBook 6 G1i 16 inch Notebook AI PC Wolf Pro Security Edition, 16", Intel® Core™ Ultra 7, 16GB RAM, 512GB SSD
Production CO2e (kg)	136
Registration required	No
Security management	Security lock slot
Security management footnote number	[43]
Security Software Licenses	HP Wolf Pro Security Edition (1 year)
Security software licenses footnote number	[56]
Software included	Copilot in Windows with Copilot key

Software included footnote number	[24]
Standard memory note	Transfer rates up to 5600 MT/s.
Storage type	SSD
Support service included	HP 1 Year Wolf Pro Security Edition Service. For terms and conditions, please visit <a href="https://h20195.www2.hp.com/v2/GetPDF.aspx/4AA8-1150ENW">https://h20195.www2.hp.com/v2/GetPDF.aspx/4AA8-1150ENW</a> & <a href="https://www8.hp.com/h20195/v2/getpdf.aspx/4AA5-7123ENUS.pdf">https://www8.hp.com/h20195/v2/getpdf.aspx/4AA5-7123ENUS.pdf</a>
Sustainable impact specifications	Low halogen; Bulk packaging available; 25% post-consumer recycled plastic; 50% recycled metal; 50% ocean-bound plastic in fan enclosure; 100% of HP paper-based packaging is from recycled or certified sustainable sources
Total CO2e (kg)	180
Total CO2e (kg) note	A product carbon footprint is defined as the total amount of greenhouse gases emitted directly and indirectly by a product over its lifetime. Greenhouse gas emissions are reported as global warming potential for 100-year time horizon (GWP-100) in units of CO2 equivalence. Calculations are done in accordance with ISO 14040 & ISO 14044. Individual values may not sum to total due to rounding.
Touchscreen	No
Transportation CO2e (kg)	30
UNSPSC code	43211503
UPC number	199251039591
Weight	Starting at 3.86 lb
Weight note (imperial)	Weight will vary by configuration. Does not include power adapter.
Wireless	Intel® Wi-Fi 7 BE201 (2x2) and Bluetooth® 5.4 wireless card, non-vPro®

Logistics

UPC number	199251039591
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UNSPSC code	43211503
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[3] Processor speed denotes maximum performance mode; processors will run at lower speeds in battery optimization mode.

[4] Intel® Turbo Boost performance varies depending on hardware, software and overall system configuration. See [www.intel.com/technology/turboboost](http://www.intel.com/technology/turboboost) for more information.

[5] 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.

[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. Intel's numbering, branding and/or naming is not a measurement of higher performance.

[7] Intel® Turbo Boost performance varies depending on hardware, software and overall system configuration. See <http://www.intel.com/technology/turboboost/> for more information.

[8] 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.

[9] Wi-Fi 6E requires a Wi-Fi 6E router, sold separately to function in the 6GHz band. Availability of public wireless access points limited. Wi-Fi 6E is backwards compatible with prior 802.11 specs. And available in countries where Wi-Fi 6E is supported.

[10] 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 Intel® 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.

[11] Miracast is a wireless technology your PC can use to project your screen to TVs, projectors, and streaming.

[12] 4G LTE module is optional, must be configured at the factory, requires activation and separately purchased service contract. Check with service provider for coverage and availability in your area. Connection, upload and download speeds will vary due to network, location, environment, network conditions, and other factors. 4G LTE not available on all products, in all regions.

[13] Available on select models. Module requires activation and separately purchased service contract. Check with service provider for coverage and availability in your area. Connection speeds will vary due to location, environment, network conditions, and other factors. 4G LTE not available on all products, in all regions.

[14] LPWAN (also called Mobile Narrowband) support HP Protect & Trace with Wolf Connect service through the subscription term, but do not support mobile broadband use.

[15] Cat M1 LPWAN (Mobile Narrowband) cards support select platforms with the HP Protect & Trace with Wolf Connect service, but do not support mobile broadband/Internet use.

[16] Sold separately or as an optional feature that must be configured at purchase.

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

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

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

[20] All specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower. Actual brightness will be lower with touchscreen or Sure View.

[21] HP Services Scan is provided with Windows Update on select products and will check entitlement on each hardware device to determine if an HP TechPulse-enabled service has been purchased, and will download applicable software automatically. HP TechPulse is a telemetry and analytics platform that provides critical data around devices and applications. For full system requirements or to disable this feature, please visit <http://www.hpdaas.com/requirements> . Not applicable in China.





[22] HP Smart Support requires the HP Insights agent to be installed. For more information about how to enable or to download HP Smart Support, please visit <http://www.hp.com/smart-support>.

[23] Poly Lens Desktop requires a Windows OS.

[24] Copilot in Windows 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 Microsoft in Windows is not available, the Copilot key will lead to the Bing search engine. Use of Recall requires customer authentication using Windows Hello Enhanced Sign in Security (ESS) which requires a fingerprint reader or facial recognition camera and may not be supported on all platforms. See <http://aka.ms/WindowsAIFeatures>

[25] HP Client Catalog not preinstalled, however available for download at: <https://www.hp.com/us-en/solutions/client-management-solutions.html>

[26] HP Client Management Script Library (<https://www.hp.com/us-en/solutions/client-management-solutions.html#tab=manageability-tools>).

[27] 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/computer>.

[28] HP Driver Packs not preinstalled, however available for download at <http://www.hp.com/go/clientmanagement>.

[29] HP Image Assistant not preinstalled, however available for download at (<https://ftp.ext.hp.com/pub/caps-softpaq/cmit/HPIA.html>).

[31] HP Manageability Integration Kit not presintalled, however available for downloaded from <https://www.hp.com/us-en/solutions/client-management-solutions.html#tab=manageability-tools>.

[31] HP Power Manager with Battery Health can be downloaded by entering your system information here: [https://support.hp.com/in-en/document/ish\\_4449597-3519507-16](https://support.hp.com/in-en/document/ish_4449597-3519507-16).

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

[33] Secured Core PC 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 functionality can be enabled from the factory.

[34] HP Sure Admin requires HP G8 or newer platforms, Windows 10 or higher, HP BIOS, HP Manageability Kit or KMS Service from <http://www.hp.com/go/clientmanagement> and HP Sure Admin Local Access Authenticator smartphone app from the Android or Apple store.

[35] HP Sure Click requires Windows 10 and higher. See [https://bit.ly/2PrLT6A\\_SureClick](https://bit.ly/2PrLT6A_SureClick) for complete details.

[36] HP Sure Recover is available on select HP PCs and requires Windows 10 or 11 and an open network connection. You must back up important files, data, photos, videos, etc. before using HP Sure Recover to avoid loss of data.

[37] HP Sure Run is available on select HP PCs and requires Windows 10 and higher.

[38] HP Sure Sense requires Windows 10 and higher. See product specifications for availability. On units with WWAN shipping to China, HP Sure Sense is only available via Softpaq download.

[39] HP Sure Start is available on select HP PCs and requires Windows 10 and higher.

[40] Absolute Persistence firmware module is shipped turned off and can only be activated with the purchase a license subscription and full activation of the software agent. License subscriptions can be purchased for terms ranging multiple years. Service is limited, check with Absolute for availability outside the U.S. Certain conditions apply. For full details visit: <https://www.absolute.com/about/legal/agreements/absolute/>

[41] HP BIOSphere Gen6 features may vary depending on the platform and configuration.

[42] HP Secure Erase implements the methods outlined in the National Institute of Standards and Technology Special Publication 800-88r ""Clear"" sanitation method. HP Secure Erase does not support platforms with Intel® Optane™.

[43] Lock is sold separately.

[44] HP BIOSphere Gen6 features may vary depending on the platform and configuration.

[45] HP Fingerprint Sensor is an optional feature and requires configuration at purchase.

[46] 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.



[47] 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.

[48] Availability may vary by country.

[49] Based on US EPEAT® registration according to IEEE 1680.1-2018 EPEAT®. Status varies by country. Visit [www.epeat.net](http://www.epeat.net) for more information.

[56] This product includes a one (1) year license of HP Wolf Pro Security Edition which includes HP Sure Click Pro and HP Sure Sense Pro. The HP Wolf Pro Security Edition software is licensed under the license terms of the HP End User License Agreement (EULA) that can be found at: [https://support.hp.com/us-en/document/ish\\_3875769-3873014-16](https://support.hp.com/us-en/document/ish_3875769-3873014-16) as 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 Edition (HP Sure Sense Pro and HP Sure Click Pro) is effective upon activation and will continue for twelve (12) months thereafter (“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 Sure Click and HP Sure Sense at no additional cost with no future software updates or HP Support.”

[57] Integrated graphics depends on processor. NVIDIA® Optimus™ technology requires an Intel processor, plus an NVIDIA® GeForce® discrete graphics configuration and is available on Windows 10 Pro OS or higher. With NVIDIA® Optimus™ technology, full enablement of all discrete graphics video and display features may not be supported on all systems (e.g. OpenGL applications will run on the integrated GPU or the APU as the case may be).

[60] MobileMark 25 battery life will vary depending on various factors including product model, configuration, loaded applications, features, use, wireless functionality, and power management settings. The maximum capacity of the battery will naturally decrease with time and usage. See [www.bapco.com](http://www.bapco.com) for additional details.

### Legal disclaimer

Product image may differ from actual product

[6] 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>.

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[8] This product includes a one (1) year license of HP Wolf Pro Security Edition which includes HP Sure Click Pro and HP Sure Sense Pro. The HP Wolf Pro Security Edition software is licensed under the license terms of the HP End User License Agreement (EULA) that can be found at: [https://support.hp.com/us-en/document/ish\\_3875769-3873014-16](https://support.hp.com/us-en/document/ish_3875769-3873014-16) as 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 Edition (HP Sure Sense Pro and HP Sure Click Pro) is effective upon activation and will continue for twelve (12) months thereafter (“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 Sure Click and HP Sure Sense at no additional cost with no future software updates or HP Support.”

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[11] HP Sure Click requires Windows 10 and higher. See [https://bit.ly/2PrLT6A\\_SureClick](https://bit.ly/2PrLT6A_SureClick) for complete details.

[12] Poly software planned to be available Summer 2024. Requires Windows OS.

Intel, Core, Arc, Thunderbolt and Intel vPro are trademarks or registered trademarks of Intel Corporation or its subsidiaries in the United States and other countries. Bluetooth is a trademark owned by its proprietor and used by HP Inc. under license. DisplayPort™ and the DisplayPort™ logo are trademarks owned by the Video Electronics Standards Association (VESA®) in the United States and other countries. USB Type-C® and USB-C® are registered trademarks of USB Implementers Forum. ENERGY STAR is a registered trademark of the U.S. Environmental Protection Agency. All other trademarks are the property of their respective owners.