The enterprise notebook that's anything but ordinary

Equip your high-producing teams with the PC that delivers the power of the latest Intel[®] processor², HP Wolf Security, and intuitive collaboration tools they need for working in the office or in a hybrid setting. The HP EliteBook 830 effectively meets the demands of multi-tasking teams across the globe.

Engineered for long lasting productivity from anywhere

Empower your hybrid workforce with the elevated conferencing capabilities, easily managed security, and Al-driven performance from the latest Intel® processor² in the sleek HP EliteBook 830 purpose built for demanding enterprise workloads.

Collaboration personalized to you

Move freely and interact naturally using speakers tuned by Poly Studio with Al Noise Reduction³ and a 5MP camera, Dynamic Color Tuning⁴, and optional automatic framing.⁵ Expand collaboration opportunities with optional high-speed 5G⁶ connectivity.

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.⁷



*Product image may differ from actual product

Sustainability in action

Help protect our shared future

This PC contains at least 75-percent post-consumer recycled plastic in the bezel⁸ and provides power data tracking and suggestions to reduce energy use representing the latest in responsible design from HP.⁹



Featuring

HP Recommends Windows 11 Pro for business

Work anywhere without compromising on performance with Windows 11¹ and HP collaboration, security, and connectivity technology.

Powerful Intel[®] processor

Help speed up demanding business applications with the latest generation Intel® Core™ processor.²

HP Smart Sense

Enjoy long battery life managed by AI and HP Smart Sense⁴ that adapts to power needs. The PC will switch to performance mode when you need the most power and back to comfort mode that helps keep your pc cool and quiet during simple tasks.

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.³

Balanced light for a clear image

Make sure you can clearly be seen on calls with Dynamic Color Tuning⁴ that adjusts camera auto-color and auto-white balance for a more natural color when you are in front of a monochromatic background.

Hear and be heard

Dynamic Voice Leveling³ automatically optimizes voice clarity within 3-meters of the PC. Al Noise Reduction³ uses noise-filtering technology to enhance audio conferencing experiences.

Automatic framing

Move around a little without losing viewers' attention during video calls with optional automatic framing.⁵ The optional 5MP IR camera and audio follow you or multiple presenters as they move within the camera's frame.

See colors as they should be

Make the color of your screen look consistent in any light with Adaptive Color⁴ that adjusts your display automatically to the ambient light in the room to represent the true color of the content being displayed.

Comfortable viewing

Optional TÜV certified HP Eye Ease low blue light anti-glare panels¹⁰ help remove blue light waves while preserving vivid color accuracy.

Stay connected

Your "office" can be where you need it, letting you connect almost anywhere with optional support for up to 5G wireless broadband technology with 4x4 antennas that can deliver fast download and upload speeds.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 6E.^{11,12}

Work longer, Charge faster.

Long battery life gets you through a day of meetings without plugging in. Quickly recharge your PC with HP Fast Charge. You'll get up to 50% battery life in just 30 minutes of charging.¹³



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 Education ¹ Windows 11 Pro (Windows 11 Enterprise or Windows 10 Enterprise available with a Volume Licensing Agreement) ¹
Processor family	Intel® Core™ Ultra 5 processor Intel® Core™ Ultra 7 processor
Available Processors ^{2,3,4,35}	Intel® Core™ Ultra 7 165U (up to 3.8 GHz E-core Max Turbo frequency, up to 4.9 GHz P-core Max Turbo frequency, 12 MB L3 cache, 2 P-cores and 8 E-cores, 14 threads) Intel® Core™ Ultra 7 155U (up to 3.8 GHz E-core Max Turbo frequency, up to 4.8 GHz P-core Max Turbo frequency, 12 MB L3 cache, 2 P-cores and 8 E-cores, 14 threads) Intel® Core™ Ultra 5 135U (up to 3.6 GHz E-core Max Turbo frequency, up to 4.4 GHz P-core Max Turbo frequency, 12 MB L3 cache, 2 P-cores and 8 E-cores, 14 threads) Intel® Core™ Ultra 5 135U (up to 3.6 GHz E-core Max Turbo frequency, up to 4.4 GHz P-core Max Turbo frequency, 12 MB L3 cache, 2 P-cores and 8 E-cores, 14 threads) Intel® Core™ Ultra 5 125U (up to 3.6 GHz E-core Max Turbo frequency, up to 4.3 GHz P-core Max Turbo frequency, 12 MB L3 cache, 2 P-cores and 8 E-cores, 14 threads)
Maximum memory	32 GB LPDDR5X-7500 MHz RAM; (Transfer rates up to 7500 MT/s.) Dual channel support. ⁵
Internal storage	512 GB up to 2 TB PCIe [®] Gen4x4 NVMe [™] M.2 SSD TLC ⁶ 256 GB up to 1 TB PCIe [®] NVMe [™] Value SSD ⁶ up to 512 GB PCIe [®] Gen4x4 NVMe [™] M.2 SED SSD TLC ⁶ up to 256 GB PCIe [®] NVMe [™] M.2 SED SSD ⁶
Display size (diagonal, metric)	33.8 cm (13.3")
Display	33.8 cm (13.3") diagonal, WUXGA (1920 x 1200), IPS, anti-glare, 400 nits, low power, 100% sRGB with HP Eye Ease; 33.8 cm (13.3") diagonal, WUXGA (1920 x 1200), IPS, anti-glare, 1000 nits, 100% sRGB, HP Sure View Reflect integrated privacy screen with HP Eye Ease; 33.8 cm (13.3") diagonal, WUXGA (1920 x 1200), touch, IPS, anti-glare, 300 nits, 45% NTSC; 33.8 cm (13.3") diagonal, WUXGA (1920 x 1200), IPS, anti-glare, 300 nits, 45% NTSC; 33.8 cm (13.3") diagonal, WUXGA (1920 x 1200), IPS, anti-glare, 300 nits, 45% NTSC; 30.8 cm (10.3") diagonal, WUXGA (1920 x 1200), IPS, anti-glare, 300 nits, 45% NTSC; 30.8 cm (10.3") diagonal, WUXGA (1920 x 1200), IPS, anti-glare, 300 nits, 45% NTSC; 30.8 cm (10.3") diagonal, WUXGA (1920 x 1200), IPS, anti-glare, 300 nits, 45% NTSC; 30.8 cm (10.3") diagonal, WUXGA (1920 x 1200), IPS, anti-glare, 300 nits, 45% NTSC; 30.8 cm (10.3") diagonal, WUXGA (1920 x 1200), IPS, anti-glare, 300 nits, 45% NTSC; 30.8 cm (10.3") diagonal, WUXGA (1920 x 1200), IPS, anti-glare, 300 nits, 45% NTSC; 30.8 cm (10.3") diagonal, WUXGA (1920 x 1200), IPS, anti-glare, 300 nits, 45% NTSC; 30.8 cm (10.3") diagonal, WUXGA (1920 x 1200), IPS, anti-glare, 300 nits, 45% NTSC; 30.8 cm (10.3") diagonal, WUXGA (1920 x 1200), IPS, anti-glare, 300 nits, 45% NTSC; 30.8 cm (10.3") diagonal, WUXGA (1920 x 1200), IPS, anti-glare, 300 nits, 45% NTSC; 30.8 cm (10.3") diagonal, WUXGA (1920 x 1200), IPS, anti-glare, 300 nits, 45% NTSC; 30.8 cm (10.3") diagonal, WUXGA (1920 x 1200), IPS, anti-glare, 300 nits, 45% NTSC; 30.8 cm (10.3") diagonal, WUXGA (1920 x 1200), IPS, anti-glare, 300 nits, 45% NTSC; 30.8 cm (10.3") diagonal, WUXGA (1920 x 1200), IPS, anti-glare, 300 nits, 45% NTSC; 30.8 cm (10.3") diagonal, WUXGA (10
Available Graphics	Integrated: Intel® Graphics (Support HD decode, DX12, HDMI 2.0b, HDCP 2.3.)
Audio	Audio by Poly Studio, dual stereo speakers with discrete amplifiers, integrated dual array microphones
Wireless technologies	Intel® Wi-Fi 6E AX211 (2x2) and Bluetooth® 5.3 wireless card, vPro®; Intel® Wi-Fi 6E AX211 (2x2) and Bluetooth® 5.3 wireless card, non-vPro® ⁷ (Compatible with Miracast-certified devices.) ⁸ Near Field Communication (NFC) module
Ports and connectors	2 Thunderbolt [™] 4 with USB Type-C [®] 40Gbps signaling rate (USB Power Delivery, DisplayPort [™] 1.4); 2 USB Type-A 5Gbps signaling rate (1 charging, 1 power); 1 HDMI 2.1; 1 stereo headphone/microphone combo jack ¹¹ ; (HDMI cable sold separately.); Optional Ports: 1 External Nano SIM slot for WWAN ¹²
Input devices	HP Premium Keyboard - spill-resistant with optional backlit keyboard and Durakeys ¹³ ; Clickpad with multi-touch gesture support, taps enabled as default; Microsoft Precision Touchpad; Hall Sensor; Thermal sensor; Adaptive color sensor; HP Tamper Lock ⁴¹ ; Ambient light sensor
Communications	Intel® 5G Solution 5000; Qualcomm® 9205 LTE Cat-M1; HP 4000 4G LTE Advanced Pro ^{9,10,44}
Camera	5 MP camera; IR Camera (select models) ¹⁴
Software	Adobe offer; Bing Search for IE11; Microsoft 365 and Office (sold separately and Internet access required for activation); HP Connection Optimizer; HP Easy Clean; HP Easy Clean Keyboard Driver; HP Hotkey Support; HP MAC Address Manager; HP Notifications; HP PC Hardware Diagnostics UEFI; HP PC Hardware Diagnostics Windows; HP Power Manager; HP Smart Support ⁵⁷ ; HP Privacy Settings; HP Support Assistant ²¹ ; HSA Fusion for Commercial; HP Services Scan ²⁰ ; Copilot in Windows with Copilot key ⁴²
Security management	HP Client Security Manager; HP Sure Admin ²⁵ ; HP Sure Click ²⁶ ; HP Sure Recover Gen6 ²⁷ ; HP Sure Run Gen5 ²⁸ ; HP Sure Sense ²⁹ ; HP Sure Start Gen7; HP Tamper Lock ⁴¹ ; Secured-Core PC Enable ³⁰ ; Windows Hello Enhanced Slgn-in Security (ESS) Enable; Absolute persistence module ³¹ ; BIOS Update via Network; HP BIOSphere Gen6 ³² ; HP DriveLock and Automatic DriveLock; Secure Erase ³³ ; HP Wake on WLAN; Security lock slot ⁴³ ; Battery Health Manager ⁴⁹
Security Software Licenses	HP Wolf Pro Security Edition ⁵⁶
Fingerprint reader	Fingerprint sensor (select models)



Technical specifications

Management features	HP Client Catalog (download) HP Client Management Script Library (download) HP Cloud Recovery ²² HP Connect for Microsoft Endpoint Manager HP Driver Packs (download) HP Image Assistant Gen 5 (download) HP Manageability Integration Kit (download) ²³ HP Patch Assistant (download) ²⁴
Power	HP 65 W USB Type-C [®] slim adapter; 65 W USB Type-C [®] adapter ³⁸
Battery type	HP Long Life 3-cell, 56 Wh Li-ion polymer ³⁷ ; Battery is internal and not replaceable by customer. Serviceable by warranty. Fast charging 50% in 30 minutes. ³⁶
Dimensions	30.01 x 21.5 x 0.99 cm (front); 30.01 x 21.5 x 1.59 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.)
Weight	Starting at 1.28 kg; (Weight will vary by configuration. Does not include power adapter.)
Ecolabels	EPEAT® registered configurations available; TCO Certified configurations available; EPEAT® Gold registered in the U.S. ³⁹
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
Sustainable impact specifications	Low halogen; Bulk packaging available; Molded paper pulp cushion inside box is 100% sustainably sourced and recyclable; Outside box and corrugated cushions are 100% sustainably sourced and recyclable; Ocean-bound plastic in bezel and speaker enclosure(s); 60% post-consumer recycled plastic; 65% recycled metal ^{40,45,46,47,48}
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.



Footnotes

Messaging Footnotes

¹Not 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 is automatically updated and

¹ Protection of the state of the state

³ Requires myHP application and Windows OS.
 ⁴ Requires Windows 11 OS.

⁸ Recycled plastic content percentage is based on the definition set in the IEEE 16801-2018 standard.
⁹ Power data tracking expected in May 2023.

¹⁰ Low blue light panel is only available with 400nit, non-touch, models without HP Sure View Reflect.

¹¹ 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. 12 WhFr* supporting gigabit data rate is achievable with WhFi 6E (80211ax) when transferring files between two devices connected to the same router. Requires a wireless router, sold separately, that supports 160MHz channels.

Specification Footnotes

¹Not 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 is automatically updated and

Processor speed henotes and Microsoft account required. ISP fees may apply and additional requirements and apply apply and additional requirements and apply apply and additional requirements may apply and additional requirements may apply and additional requirements apply apply and additional requirements. So that apply apply and additional requirements apply apply and additional requirements apply apply and additional requirements. So that requirements apply apply and additional req

⁶ Due to the non-industry standard nature of some third-party memory modules, we recommend HP branded memory to ensure compatibility. If you mix memory speeds, the system will perform at the lower memory speed. ⁶ For storage drives, GB = 1 billion bytes. TB = 1 trillion bytes. Actual formatted capacity is less. Up to 30 GB (for Windows 10 and 11) is reserved for system recovery software. ⁷ Wi-Fi 6E requires a Wi-Fi 6E router, and Windows 11, 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.

⁸ Miracast is a wireless technology your PC can use to project your screen to TVs, projectors, and streaming. ⁹ WWAN module is an optional feature, requires factory configuration and requires separately purchased service contract. Check with service provider for coverage and availability in your area. Connection speeds will vary due to location, environment, network

¹⁰ 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 2560AM 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.

¹¹ USB 20Gbps speed is not available with Thunderbolt[™] 4. ¹² SIM slot is not user accessible without WWAN configuration.

¹³ Backlit keyboard is an optional feature.

14 Sold separately or as an optional feature

¹⁵ WUXGA content required to view WUXGA images

¹⁰ HP Sure View Reflect integrated privacy screen is an optional feature that must be configured at purchase and is designed to function in landscape orientation.

¹⁸ Actual bifyitness will be lower with touchescreen or Sure View.
¹⁹ Actual bifyitness will be lower with touchescreen or Sure View.
¹⁰ All specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower.
²⁰ 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 pitcher mt hat 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.

²¹ HP Support Assistant requires Windows and Internet access.

21 Polyport resistant requires virulations and more incluciosas. 22 PIC Cloud Recovery is available for Z by HP. PIE lite and Pro desktops and laptops PCs with Intel[®] or AMD processors and requires an open, wired 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.http

³ HP Manageability Integration Kit can be downloaded from http://www.hp.com/go/clientmanagement .

²⁴ HP Patch Assistant available on select HP PCs with the HP Manageability Kit that are managed through Microsoft System Center Configuration Manager. HP Manageability Integration Kit can be downloaded from

²⁶ 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.

²³ 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.
 ²⁶ HP Sure Admin requires Windows 10 and higher. See https://bit.lv/2PHTGA_SureClick for complete details.
 ²⁷ HP Sure Recover Gen6 is available on select HP PCs and requires Windows 10 or 11 must be configured at purchase. You must back up important files, data, photos, videos, etc. before using HP Sure Recover to avoid loss of data. HP Sure Recover Gen6 with Embedded Reimaging is an optional feature on select HP PCs withich requires Windows 10 or 11 must be configured at purchase. You must back up important files, data, photos, videos, etc. before using HP Sure Recover to avoid loss of data.
 ²⁹ HP Sure Run Gen5 is available on select HP PCs and requires Windows 10 and higher.
 ²⁹ HP Sure Run Gen5 is available on select HP PCs and requires Windows 10 and higher.
 ²⁰ By Sure Run Gen5 is available on select HP PCs and requires 80 to and higher.
 ²⁰ HP Sure Run Gen5 is available on select HP PCs and requires 80 to and higher.
 ²⁰ By Sure Run Gen5 is available on select HP PCs and requires 80 to and higher.
 ²⁰ By Sure Run Gen5 is available on select HP PCs and requires 80 to and higher.
 ²⁰ By Sure Run Gen5 is available on select HP PCs and requires 80 to an only be activated with the purchase a license subscription and the requires 80 more system memory. Secured-core PC is enabled from the factory.
 ³⁰ Absolute firmware module is shipped turned off and can only be activated with the purchase a license subscription and the software agent enditors and purchase 10 more system memory. Secured-core PC is enabled for terms ranging multiple years. Service is limited, check with Absolute for availability outside the

a2 HP BIOSphere Gen6 features may vary depending on the platform and configuration. a3 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®.

³⁴ HP Fingerprint Sensor is an optional feature and requires configuration or turchase.
³⁵ Features and software that require a NPU may require 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. ³⁶ 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.

⁷Actual battery Watt-hours (Wh) will vary from design capacity. Battery capacity will naturally decrease with shelf life, time, usage, environment, temperature, system configuration, loaded apps, features, power management settings and other factors

³⁸ Availability may vary by country.
³⁹ Board on US EPEAT* registration according to IEEE 1680.12018 EPEAT*. Status varies by country. Visit www.epeat.net for more information and the second ⁴⁰ External power supplies, power cords, cables and peripherals are not Low Halogen. Service parts obtained after purchase may not be Low Halogen.

⁴⁰ External power supplies, power cords, cables and peripheria are not Low Hauger. Set No. Poils to No. Poi

⁴¹D'Walk (Bib current wobine Nationality support in Friderica inde wat from connect survey in the subcest ⁴⁵ Molded pulp cushions made from 100% recycled wood fiber and organic materials.
 ⁴⁶ Percentage of ocean-bound plastic contained in each component varies by product.
 ⁴⁷ 100% outer box packaging and corrugated cushions made from sustainably sourced certified and recycled fibers.

⁴ 100% outer box packaging and corrugated cushions made from sustainably sourced certified and recycled fibers.
⁴⁰ Recycled plastic content percentage is based on the definition set in the IEEE 16801-2018 standard.
⁴⁰ Depending on what version of HP Battery Health Manage (HBM) is available for your device, HP BHM may look at a number of factors to determine how to adjust battery charging over time to optimize battery health. HP BHM is preset to "Let HP Manage my Battery Charging on what version of HP Battery Health Manage (HBM) is available for your device, HP BHM may look at a number of factors to determine how to adjust battery charging over time to optimize battery health. HP BHM is preset to "Let HP Manage my Battery Charging on what version of HP Battery Health Manage IRM) is available for your device, HP BHM may look at a number of factors to determine how to adjust battery charging adjusts charge capacity, the emount of run-time on battery will be reduced over time. HP may utilize BICDs updates to adjust BM settings on select systems to optimize battery health and reduce exposure to those factors that can accelerate battery degradation. To update or change HP BHM settings and for complete details, see https://support.hp.com/lus-en/document/lish_4449597351950716
⁶⁰ HP WH Pro Security Edition (including HP Sure Click Pro and HP Sure Sense Pro) is ovailable preloaded on select SKUs and, depending on the HP product purchased, includes a paid 1-year or 3-year licenses. The HP Wolf Pro Security Edition software is licensed under the lense terms of the HP Wolf Pro Security Edition (HP Sure Sense Pro ad HP Sure Sense Pro ad HP Sure Click Pro as the terms contained in this EULA. Is incomes for the HP Wolf Pro Security Edition (HP Sure Sense Pro ad HP Sure Click Pro as feative upon cutvation and will continue for either a twelvel (21) month or thirty-sk (36) month license term (11) license term (11) license terms (11) license term (11) license term (11) license terms (11) license te

⁵⁷ HP Smart Support automatically collects the telemetry necessary upon initial boot of the product to deliver device-level configuration data and health insights and is available preinstalled on select products, thru HP Factory Configuration Services; or it can be downloaded. For more information about how to enable HP Smart Support or for download, please visit http://www.hp.com/smart-support.

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March 2024

