Datasheet

HP EliteBook 835 13 inch G11 Notebook PC

The enterprise notebook that's anything but ordinary

Balance hybrid work requirements across your organization with the right performance, security, and collaboration tools enhanced by AI on the HP EliteBook 835. This sleek PC helps users thrive in multi-tasking, ever-changing work environments.

Designed for the enterprise. Made for you.

Highly secure and easy to manage remotely with AMD PRO manageability[2], the HP EliteBook 835 has the performance you need for complex workloads and a sophisticated design.

Collaboration personalized to you

Move freely and interact naturally using speakers tuned by Poly Studio with AI Noise Reduction[3] and a 5MP camera[4] with optional automatic framing[4] and Dynamic Color Tuning.[3] Expand collaboration opportunities with optional high-speed 5G[5] 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.[6]

*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 bezel[7] and provides power data tracking and suggestions to reduce energy use representing the latest in responsible design from HP.[8]

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Featuring

HP Recommends Windows 11 Pro for business with Copilot in Windows
Work anywhere without compromising on performance with Windows 11[1] and HP collaboration, security, and connectivity technology. Summarize and rewrite content, get relevant content recommendations, and stay organized with Copilot in Windows.[9]

Commanding AMD processor
Take on your work with an efficient and reliable next generation AMD Ryzen™ PRO or non-PRO processor[2] with an NPU[10] that provides a highly responsive experience with connected modern standby.

Optimize PC performance
Work without distraction with HP Smart Sense[11] which makes automatic adjustments keeping your system cool and quiet and lets you enable performance mode when you need it most.

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 Tuning[3] that adjusts camera auto-color and auto-white balance for a more natural color when you are in front of a monochromatic background.

Automatic framing
Move around a little without losing viewers' attention during video calls with optional automatic framing.[4] The 5MP camera and audio follow you as you 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 Color[11] 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 panels[12] 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.[5]

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.[13,14]

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.[15]

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Technical specifications

Available Operating Systems	Windows 11 Pro[1] Windows 11 Pro Education[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 (Windows 11 Enterprise or Windows 10 Enterprise available with a Volume Licensing Agreement)[1] FreeDOS
Processor family	AMD Ryzen™ 3 processor AMD Ryzen™ 5 PRO processor AMD Ryzen™ 5 processor AMD Ryzen™ 7 PRO processor AMD Ryzen™ 7 processor
Available Processors[2,3]	AMD Ryzen™ 7 PRO 8840U with Radeon™ Graphics (3.3 GHz base clock, up to 5.1 GHz max boost clock, 16 MB L3 cache, 8 cores, 16 threads) AMD Ryzen™ 7 8840U with Radeon™ Graphics (3.3 GHz base clock, up to 5.1 GHz max boost clock, 16 MB L3 cache, 8 cores, 16 threads) AMD Ryzen™ 5 PRO 8540U with Radeon™ Graphics (3.2 GHz base clock, up to 4.9 GHz max boost clock, 16 MB L3 cache, 6 cores, 12 threads) AMD Ryzen™ 5 8540U with Radeon™ Graphics (3.2 GHz base clock, up to 4.9 GHz max boost clock, 16 MB L3 cache, 6 cores, 12 threads) AMD Ryzen™ 3 8440U with Radeon™ Graphics (3.0 GHz base clock, up to 4.7 GHz max boost clock, 8 MB L3 cache, 4 cores, 8 threads)
Neural Processing Unit	AMD Ryzen™ AI
Maximum memory	32 GB LPDDR5X-7500 MT/s RAM; (Transfer rates up to 7500 MT/s.) Memory soldered down. Supports dual channel memory.
Internal storage	512 GB up to 2 TB PCIe® Gen4x4 NVMe™ M.2 SSD TLC[5] up to 512 GB PCIe® Gen4x4 NVMe™ M.2 SED SSD TLC[5] 256 GB up to 1 TB PCIe® NVMe™ Value M.2 SSD[5] up to 256 GB PCIe® NVMe™ M.2 SED SSD[5]
Display size (diagonal, metric)	33.8 cm (13.3")
Display[12,13,14,15,16]	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
Available Graphics	Integrated: AMD Radeon™ Graphics (Support HD decode, DX12, HDMI 2.1.)
Audio	Audio by Poly Studio, dual stereo speakers with discrete amplifiers, integrated dual array microphones
Ports and connectors	2 USB Type-A 5Gbps signaling rate (1 charging, 1 power); 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)[35] ; (HDMI cable sold separately.); Optional Ports: 1 Smartcard reader (optional)
Input devices	HP Premium Keyboard – spill resistant, optional backlit keyboard with drain and DuraKeys[51]; Clickpad with multi-touch gesture support; Microsoft Precision Touchpad; HP Sure Platform; Thermal sensor; Adaptive color sensor; HP Tamper Lock; Hall effect sensor[29]; Ambient light sensor
Communications	(Compatible with Miracast-certified devices.[9]); ; Realtek Wi-Fi 6E RTL8852CE 802.11a/b/g/n/ax (2x2) and Bluetooth® 5.3 wireless card; MediaTek Wi-Fi 6E RZ616 (2x2) and Bluetooth® 5.3 wireless card ; Qualcomm® 9205 LTE Cat-M1; HP 4000 4G LTE Advanced Pro; HP 5000 5G Solution ; Near Field Communication (NFC) module[6]
Camera	5 MP camera; IR Camera (select models) [11]
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; Hotkey support; HP MAC Address Manager; Copilot in Windows with Copilot key[41]; HP PC Hardware Diagnostics UEFI; HP PC Hardware Diagnostics Windows; HP Power Manager; HP Privacy Settings; HP Services Scan[17]; HP Smart Support[17]; HP Support Assistant[18]; Miro offer[19]; myHP
Security management	HP Client Security Manager; HP Sure Admin[24]; HP Sure Click[25]; HP Sure Recover[26]; HP Sure Run[27]; HP Sure Sense; HP Sure Start[28]; HP Tamper Lock[29]; Secured-Core PC Enable[30]; Windows Hello Enhanced Sign-in Security (ESS) Enable; Absolute Persistence Module[31]; BIOS Update via Network; HP BIOSphere Gen6[32]; HP DriveLock and Automatic DriveLock; HP Secure Erase[33]; HP Wake on WLAN; Security lock slot
Security Software Licenses	HP Wolf Pro Security Edition[56]
Fingerprint reader	Fingerprint sensor (select models)

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Management features	HP Client Catalog (download); HP Client Management Script Library (download); HP Cloud Recovery[20]; HP Driver Packs; HP Connect for Microsoft Endpoint Manager[21]; HP Image Assistant (download); HP Manageability Integration Kit (download)[22]; HP Patch Assistant (download)[23]
Memory card device	1 nano SIM (optional)
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[36]; Battery is internal and not replaceable by customer. Serviceable by warranty. Fast charging 50% in 30 minutes.[37]
Battery life	Up to 17 hours and 30 minutes[42]
Dimensions	30.01 x 21.5 x 0.89 cm (front); 30.01 x 21.5 x 1.63 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.); 2.71 x 17.67 x 12 in 6.9 x 44.9 x 30.5 cm (Package)
Weight	Starting at 1.3 kg; (Weight will vary by configuration. Does not include power adapter.)
Ecolabels	EPEAT® registered configurations available; CECP; IT ECO Declaration; TCO Certified configurations available; SEPA; Taiwan Green Mark; Japan PC Green Label; KOECO; FEMP; EPEAT® Gold registered in the U.S.[39]
Energy star certified	ENERGY STAR® certified
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; 60% post-consumer recycled plastic; Ocean-bound plastic in speaker enclosure(s); 65% recycled metal[40,43,44,45]
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 .

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Footnotes

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 is automatically updated and 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. AMD's numbering is not a measurement of clock speed.
[3] Requires myHP application and Windows OS.
[4] Automatic framing is an optional feature of Windows Studio and requires Windows 11 OS and an optional AMD® Ryzen R7 processor equipped with an NPU.
[5] 5G module is optional and must be configured at the factory. Module designed for 5G SA (standalone), and 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 256QAM 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.
[6] 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.
[7] Recycled plastic content percentage is based on the definition set in the IEEE 1680.1-2018 standard.
[8] Energy Consumption Meter requires Window 10 and registration for the Workforce Experience platform at https://admin.hp.com. Some features and capabilities may require additional purchase of HP services and/or commercial hardware capable of supporting the HP Insights agent for Windows, Mac, & Android. Activation and restrictions may apply. Select HP Workforce Solutions require an HP Insights agent for Windows, Mac, & Android, available for download at https://admin.hp.com/software. For full system requirements and services that require the agent, please visit https://admin.hp.com/requirements. The agent collects telemetry and analytics around devices and applications that integrate into the Workforce Experience platform and is not sold as a standalone service. Internet access with connection to the Workforce Experience platform is required. HP follows stringent GDPR privacy regulations, and the platform is ISO27001, ISO27701, ISO27017 and SOC2 Type2 certified for Information Security. Fleet management requires HP Proactive Insights
[9] 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 in Windows is not available, the Copilot key will lead to the Bing search engine. See http://aka.ms/WindowsAIFeatures .
[10] 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.
[11] Requires Windows 11 OS.
[12] Low blue light panel is only available with 400nit, non-touch, models without HP Sure View Reflect.
[14] Wi-Fi® supporting gigabit data rate is achievable with Wi-Fi 6E (802.11ax) when transferring files between two devices connected to the same router. Requires a wireless router, sold separately, that supports 160MHz channels.
[15] Recharges your battery up to 50% within 30 minutes when the system is off or in standby mode. Power adapter with a minimum capacity of 65 watts is required. After charging has reached 50% capacity, charging will return to normal. Charging time may vary +/-10% due to System tolerance.

Specification 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 is automatically updated and 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. AMD's numbering is not a measurement of clock speed.
[3] Max Boost clock frequency performance varies depending on hardware, software and overall system configuration.
[5] 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.
[6] 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.
[7] 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 conditions, and other factors. 4G LTE not available on all products, in all regions.
[8] Qualcomm® 9205 LTE Cat-M1: LPWAN (also called Mobile Narrowband) support HP Protect & Trace with Wolf Connect service through the subscription term, but do not support mobile broadband use.
[9] Miracast is a wireless technology your PC can use to project your screen to TVs, projectors, and streaming.
[11] Infrared (IR) camera is sold separately or as an optional feature.
[12] WUXGA resolution content required to view WUXGA resolution images.
[13] Resolutions are dependent upon monitor capability, and resolution and color depth settings.
[14] 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. HP Sure View Reflect available for configuration until Summer/Fall 2024; Sure View 5 available thereafter.
[15] Actual brightness will be lower with touchscreen or Sure View.
[16] All specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower.
[17] HP Smart Support/ HP Services Scan is preinstalled and/or provided thru Windows Update and checks for service entitlement on each hardware device and downloads the HP Insights agent automatically. To disable this feature, please follow the instructions at http://www.hpdaas.com/requirements. The HP Insights agent is a telemetry and analytics platform that provides critical data around devices and applications and is not sold as a standalone service. Select HP Workforce Solutions require an HP Insights agent for Windows, Mac, & Android, available for download at https://admin.hp.com/software. For full system requirements and services that require the agent, please visit https://admin.hp.com/requirements. The agent collects telemetry and analytics around devices and applications that integrate into the Workforce Experience platform and is not sold as a standalone service. Internet access with connection to the Workforce Experience platform is required. HP follows stringent GDPR privacy regulations, and the platform is ISO27001, ISO27701, ISO27017 and SOC2 Type2 certified for Information Security. Not available in China.
[18] HP Support Assistant is available on Windows. For more information, please visit www.support.hp.com/help/hp-support-assistant .
[19] HP customers qualify for a 90 day trail of Miro, this offer ends September 2025. Complete terms and conditions are provided by Miro when accepting the offer.
[20] 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/document/c05115630
[21] HP Connect for Microsoft Endpoint Manager is available from the Azure Market Place for HP Pro, Elite, Z and Point-of-Sale PCs managed with Microsoft Endpoint Manager. Subscription to Microsoft Endpoint Manager required and sold separately. Network connection required.
[22] HP Manageability Integration Kit can be downloaded from http://www8.hp.com/us/en/ads/clientmanagement/overview.html .
[23] 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 http://www8.hp.com/us/en/ads/clientmanagement/overview.html . 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/document/c05115630 .
[24] 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.
[25] HP Sure Click requires Windows 10 and higher. See https://bit.ly/2PrLT6A_SureClick for complete details.
[26] 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.
[27] HP Sure Run is available on select HP PCs and requires Windows 10 and higher.
[28] HP Sure Start is available on select HP PCs and requires Windows 10 and higher.
[29] HP Tamper Lock must be enabled by the customer or your administrator.
[30] Secured-Core PC Enable 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 is enabled from the factory.
[31] Absolute 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/
[32] HP BIOSphere features may vary depending on the platform and configuration.
[33] 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 Reader is an optional feature that requires Windows 10 or 11 and must be configured at purchase.
[35] USB 20Gbps speed is not available with Thunderbolt™ 4.
[36] 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.
[37] Recharges your battery up to 50% within 30 minutes when the system is off or in standby mode. Power adapter with a minimum capacity of 65 watts is required. After charging has reached 50% capacity, charging will return to normal. Charging time may vary +/-10% due to System tolerance.
[38] Availability may vary by country.
[39] Based on US EPEAT® registration according to IEEE 1680.1-2018 EPEAT®. Status varies by country. Visit www.epeat.net for more information.
[40] External power supplies, power cords, cables and peripherals are not Low Halogen. Service parts obtained after purchase may not be Low Halogen.
[41] Requires Windows 11 and an NPU. Timing of feature delivery and availability varies by market and device. Requires Microsoft account to log in. Where Copilot in Windows is not available, the Copilot key will lead to the Bing search engine. See http://aka.ms/WindowsAIFeatures .
[42] Windows MM18 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 for additional details.
[43] Molded pulp cushions made from 100% recycled wood fiber and organic materials.
[44] Recycled plastic content percentage is based on the definition set in the IEEE 1680.1-2018 standard.
[45] 100% outer box packaging and corrugated cushions made from sustainably sourced certified and recycled fibers.
[56] 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 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.

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