



HP EliteBook 830 G5 Notebook PC

A distinctively designed notebook that lets you work anywhere

Beautifully crafted with the modern professional in mind, the highly secure and manageable HP EliteBook 830 offers powerful collaboration tools, so you can be as productive as ever, on the go or at the office.



HP recommends Windows 10 Pro for business

Brilliant new design

- This ultra-slim, precision-crafted aluminum laptop with a narrow border display goes anywhere, and looks great doing it. An optional ultra-bright display¹³ adapts to any environment, for an optimal viewing experience wherever you work.

Built on a secure foundation

- Protect your PC against the evolving malware threats of the future, with self-healing, hardware-enforced, and manageable security solutions from HP. From the BIOS to the browser HP Sure Start Gen4² and HP Sure Click³ help secure your PC.

Crystal-clear collaboration

- Calls sound crisp and clear with advanced collaboration features like HP Noise Cancellation. Loud top-firing speakers produce rich sound. The world-facing third microphone and collaboration keys help make PC calls productive.

A modern docking solution

- Quickly transition to desktop productivity with a single USB-C™-cable⁴. The optional HP Thunderbolt Dock G2⁵ delivers enterprise manageability and an optional audio module⁶. Traditional side docking is also supported to work with your existing solution.
- Power through your day with Windows 10 Pro¹ and the powerful security, collaboration and connectivity features from HP.
- Help speed up demanding business applications with an optional 8th Gen quad-core Intel® Core™ processor⁷.
- Never wonder if someone is watching you with the added peace-of-mind that comes from the integrated HP Privacy Camera⁸, with a physical shutter to protect from malicious surveillance.
- Protect your PC with the hardware-enforced self-healing protection of HP Sure Start Gen4² that automatically recovers the BIOS.
- Keep your critical applications and processes running even if malware tries to shut them down HP Sure Run⁹.
- Instantly protect against visual hacking with the optional HP Sure View Gen2¹⁰ integrated privacy screen. At the touch of a button your screen appears unreadable to those around you while you see your content clearly.
- Help protect your PC from websites and in-browser .pdf files infected with malware, ransomware, or viruses with HP Sure Click³.
- Fortify your security with up to three authentication factors including fingerprints and facial recognition¹¹.
- Stay connected with support for the latest global 4G LTE wireless broadband technology¹².

HP EliteBook 830 G5 Notebook PC Specifications Table



Available Operating Systems	Windows 10 Pro 64 – HP recommends Windows 10 Pro for business ¹ Windows 10 Home 64 ¹ FreeDOS
Processor family ⁴	8th Generation Intel® Core™ i7 processor (i7-8650U); 8th Generation Intel® Core™ i7 processor (i7-8550U); 8th Generation Intel® Core™ i5 processor (i5-8350U); 8th Generation Intel® Core™ i5 processor (i5-8250U); 7th Generation Intel® Core™ i7 processor (i7-7600U); 7th Generation Intel® Core™ i7 processor (i7-7500U); 7th Generation Intel® Core™ i5 processor (i5-7300U); 7th Generation Intel® Core™ i5 processor (i5-7200U)
Available Processors ^{2,3,4}	Intel® Core™ i7-8650U vPro™ processor with Intel® UHD graphics 620 (1.9 GHz base frequency, up to 4.2 GHz with Intel® Turbo Boost Technology, 8 MB cache, 4 cores) Intel® Core™ i7-8550U with Intel® UHD graphics 620 (1.8 GHz base frequency, up to 4 GHz with Intel® Turbo Boost Technology, 8 MB cache, 4 cores) Intel® Core™ i7-7600U vPro™ processor with Intel® HD Graphics 620 (2.8 GHz base frequency, up to 3.9 GHz with Intel® Turbo Boost Technology, 4 MB cache, 2 cores) Intel® Core™ i7-7500U with Intel® HD Graphics 620 (2.7 GHz base frequency, up to 3.5 GHz with Intel® Turbo Boost Technology, 4 MB cache, 2 cores) Intel® Core™ i5-8350U vPro™ processor with Intel® UHD Graphics 620 (1.7 GHz base frequency, up to 3.6 GHz with Intel® Turbo Boost Technology, 6 MB cache, 4 cores) Intel® Core™ i5-8250U with Intel® UHD Graphics 620 (1.6 GHz base frequency, up to 3.4 GHz with Intel® Turbo Boost Technology, 6 MB cache, 4 cores) Intel® Core™ i5-7300U vPro™ processor with Intel® HD Graphics 620 (2.6 GHz base frequency, up to 3.5 GHz with Intel® Turbo Boost Technology, 3 MB cache, 2 cores) Intel® Core™ i5-7200U with Intel® HD Graphics 620 (2.5 GHz base frequency, up to 3.1 GHz with Intel® Turbo Boost Technology, 3 MB cache, 2 cores)
Display size (diagonal)	13.3"
Viewing angle	##displayviewangle##
Maximum memory	32 GB DDR4-2400 SDRAM ⁵ Dual channel support.
Memory slots	2 SODIMM
Internal storage	256 GB up to 1 TB PCIe® NVMe™ M.2 SSD ⁶ 512 GB M.2 SATA FIPS 140-2 SSD ⁶ 128 GB up to 256 GB M.2 SATA SSD ⁶
Display ^{11,13,14,15}	13.3" diagonal FHD IPS anti-glare LED-backlit, 220 cd/m², 67% sRGB (1920 x 1080) 13.3" diagonal FHD IPS anti-glare LED-backlit, 400 cd/m², 100% sRGB (1920 x 1080) 13.3" diagonal FHD IPS LED-backlit touch screen with Corning® Gorilla® Glass 3, 220 cd/m², 67% sRGB (1920 x 1080) HP Sure View Integrated Privacy Screen 13.3" diagonal FHD IPS anti-glare LED-backlit, 300 cd/m², 100% sRGB (1920 x 1080)
Available Graphics	Integrated: Intel® UHD Graphics 620; Intel® HD Graphics 620 ¹¹
Audio	Bang & Olufsen, dual stereo speakers, 3 multi array microphone
Wireless technologies ^{7,8,9}	Intel® Dual Band Wireless-AC 8265 802.11 a/b/g/n/ac (2x2) Wi-Fi® and Bluetooth® 4.2 Combo, non-vPro™ Intel® Dual Band Wireless-AC 8265 802.11 a/b/g/n/ac (2x2) Wi-Fi® and Bluetooth® 4.2 Combo, vPro™ Intel® XMM™ 7360 LTE-Advanced (Compatible with Miracast-certified devices.)
Expansion slots	1 smart card reader
Ports and Connectors	1 Thunderbolt™ (USB Type-C™ connector); 2 USB 3.1 Gen 1 (1 charging); 1 HDMI 1.4b; 1 RJ-45; 1 docking connector; 1 headphone/microphone combo; 1 AC power (HDMI cable sold separately.)
Available Keyboards	HP Premium Collaboration Keyboard spill resistant with drain, optional backlit
Available Pointing Devices	Clickpad with multi-touch gesture support, taps enabled as default
Sensors	Ambient light sensor ¹³
Network Interface ¹⁰	HP Module with NXP NFC Controller NPC300 I2C NCI Intel® I219-LM GbE, vPro™ Intel® I219-V GbE, non-vPro™
Camera ^{11,12}	HD camera; HD IR webcam
Available Software ^{9,16,17,18,19}	Buy Office; HP Connection Optimizer; HP ePrint Driver + JetAdvantage; HP Hotkey Support; HP JumpStart; HP Noise Cancellation Software; HP Recovery Manager; HP Support Assistant; HP Velocity; Native Miracast support; HP Client Security Gen4
Security management ^{23,24,25,26,27,28,29,36}	Absolute persistence module; HP BIOSphere Gen4; HP Device Access Manager; HP DriveLock and Automatic DriveLock; HP Fingerprint Sensor; HP Password Manager; HP Secure Erase; HP Security Manager; Microsoft Security Defender; Power-on authentication; Preboot authentication; TPM 2.0 embedded security chip shipped with Windows 10 (Common Criteria EAL4+ Certified); HP Sure Click; HP SureStart Gen4; Measured Boot; HP Host Based Mac Address
Management features	HP BIOS Config Utility (BCU); HP Client Catalog; HP Driver Packs; HP System Software Manager (SSM); HP Manageability Integration Kit Gen2 ^{20,21,22}
Power ³¹	45 W USB Type-C™ adapter; 65 W USB Type-C™ adapter; HP Smart 45 W External AC power adapter; HP Smart 65 W External AC power adapter
Battery type ³⁰	HP Long Life 3-cell, 50 Wh Li-ion Battery is internal and not replaceable by customer. Serviceable by warranty.
Battery life ³⁵	Up to 13 hours and 45 minutes
Dimensions	12.22 x 9.03 x 0.7 in; 31 x 22.93 x 1.77 cm
Weight	Starting at 2.94 lb (non-touch); Starting at 3.32 lb (touch); Starting at 1.33 kg (non-touch); Starting at 1.51 kg (touch)
Ergonomic features	##displaytiltswiv##
Energy efficiency compliance ³³	ENERGY STAR® certified and EPEAT® Gold registered
Environmental specifications ³⁴	Low halogen; TCO 5.0 Certified
Warranty	3 year or 1 year limited warranty depending on country. 3 year limited warranty on HP Long Life Battery (only available with 3 year platform limited warranty). Optional HP Care Pack Services are available contracts which go beyond your standard limited warranties. For more details visit: http://www.hp.com/go/lookuptool . Service levels and response times for HP Care Packs may vary depending on your geographic location. Restrictions and limitations apply. For details, visit www.hp.com/go/cpc

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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 and/or software to take full advantage of Windows functionality. Windows 10 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/>.
- ² HP Sure Start is available on HP EliteBook products equipped with Intel® 8th generation processors.
- ³ HP Sure Click supports Microsoft Internet Explorer and Chromium browsers.
- ⁴ USB-C™ notebooks must be able to support power and video.
- ⁵ Sold separately as an optional feature.
- ⁶ HP Audio Module sold separately and required for audio.
- ⁷ Intel® Quad Core™ processors are optional. 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, branding and/or naming is not a measurement of higher performance.
- ⁸ HP Privacy Camera only available on non-touch screens equipped with HD or IR camera and must be installed at the factory.
- ⁹ HP Sure Run is available on HP Elite PCs equipped with Intel® or AMD 8th generation processors.
- ¹⁰ HP Sure View integrated privacy screen is an optional feature that must be configured at purchase.
- ¹¹ HP Multi Factor Authenticate requires 7th or 8th Generation Intel® Core™ processor, Intel® integrated graphics, and Intel® WLAN. Three authentication factors requires an Intel® vPro™ processor.
- ¹² NOTE: In accordance with Microsoft's support policy, HP does not support the Windows 8 or Windows 7 operating system on products configured with Intel® and AMD 7th generation and forward processors or provide any Windows 8 or Windows 7 drivers on <http://www.support.hp.com>.
- ¹³ Ultra-bright display is an optional feature that must be installed at the factory.

Technical Specifications 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 10 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/>.
- 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, branding and/or naming is not a measurement of higher performance.
- ³ Processor speed denotes maximum performance mode; processors will run at lower speeds in battery optimization mode.
- ⁴ NOTE: In accordance with Microsoft's support policy, HP does not support the Windows 8 or Windows 7 operating system on products configured with Intel® and AMD 7th generation and forward processors or provide any Windows 8 or Windows 7 drivers on <http://www.support.hp.com>.
- ⁵ 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) is reserved for system recovery software.
- ⁷ Wireless access point and Internet service required and sold separately. Availability of public wireless access points limited. The specifications for the 802.11ac WLAN are draft specifications and are not final. If the final specifications differ from the draft specifications, it may affect the ability of the notebook to communicate with other 802.11ac WLAN devices.
- ⁸ WWAN module 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.
- ⁹ Miracast is a wireless technology your PC can use to project your screen to TVs, projectors, and streaming.
- ¹⁰ The term "10/100/1000" or "Gigabit" Ethernet indicates compatibility with IEEE standard 802.3ab for Gigabit Ethernet, and does not connote actual operating speed of 1 Gb/s. For high-speed transmission, connection to a Gigabit Ethernet server and network infrastructure is required.
- ¹¹ HD content required to view HD images.
- ¹² Internet access required.
- ¹³ Sold separately or as an optional feature.
- ¹⁴ Resolutions are dependent upon monitor capability, and resolution and color depth settings.
- ¹⁵ HP Sure View is optional and must be configured at purchase.
- ¹⁶ HP ePrint Drive requires an Internet connection to HP web-enabled printer and HP ePrint account registration (for a list of eligible printers, supported documents and image types and other HP ePrint details, see www.hp.com/go/eprintcenter). Print times and connection speeds may vary.
- ¹⁷ HP Support Assistant requires Windows and Internet access.
- ¹⁸ HP Client Security Suite Gen 4 requires Windows and Intel® or AMD 8th generation processors.
- ¹⁹ HP Driver Packs not preinstalled, however available for download at <http://www.hp.com/go/clientmanagement>.
- ²⁰ HP Manageability Integration Kit can be downloaded from <http://www8.hp.com/us/en/ads/clientmanagement/overview.html>.
- ²¹ Ivanti Management Suite subscription required.
- ²² HP BIOSphere Gen4 features may vary depending on the PC platform and configurations requires 8th Gen Intel® processors.
- ²³ Secure Erase for the methods outlined in the National Institute of Standards and Technology Special Publication 800-88. Supported on Elite platforms with BIOS version F.03 or higher.
- ²⁴ Absolute agent is shipped turned off, and will be activated when customers activate a purchased subscription. Subscriptions can be purchased for terms ranging multiple years. Service is limited, check with Absolute for availability outside the U.S. The Absolute Recovery Guarantee is a limited warranty. Certain conditions apply. For full details visit: <http://www.absolute.com/company/legal/agreements/computrace-agreement>. Data Delete is an optional service provided by Absolute Software. If utilized, the Recovery Guarantee is null and void. In order to use the Data Delete service, customers must first sign a Pre-Authorization Agreement and either obtain a PIN or purchase one or more RSA SecurID tokens from Absolute Software.
- ²⁵ HP Password Manager requires Internet Explorer or Chrome or Firefox. Some websites and applications may not be supported. User may need to enable or allow the add-on / extension in the internet browser.
- ²⁶ HP Fingerprint Sensor sold separately or as an optional feature.
- ²⁷ Windows Defender Opt in and internet connection required for updates.
- ²⁸ HP Sure Click is available on select HP platforms and supports Microsoft® Internet Explorer and Chromium™. Check <http://h20195.www2.hp.com/v2/GetDocument.aspx?docname=4AA7-0922ENW> for all compatible platforms as they become available.
- ²⁹ Supports HP Fast Charge with 65W AC Adapter.
- ³⁰ Availability may vary by country.
- ³¹ HP Care Packs are sold separately. Service levels and response times for HP Care Packs may vary depending on your geographic location. Service starts on date of hardware purchase. Restrictions and limitations apply. For details, visit www.hp.com/go/cpc. HP services are governed by the applicable HP terms and conditions of service provided or indicated to Customer at the time of purchase. Customer may have additional statutory rights according to applicable local laws, and such rights are not in any way affected by the HP terms and conditions of service or the HP Limited Warranty provided with your HP Product.
- ³² EPEAT® registered where applicable. EPEAT registration varies by country. See <http://www.epeat.net> for registration status by country. Search keyword generator on HP's 3rd party option store for solar generator accessories at www.hp.com/go/options.
- ³³ External power supplies, power cords, cables and peripherals are not Low Halogen. Service parts obtained after purchase may not be Low Halogen.
- ³⁴ Windows 10 MM14 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.
- ³⁵ HP Drive Lock is not supported on NVMe™ drives.

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