HP EliteBook 850 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 850 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 display[12] 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 Gen4[3] and HP Sure Click[4] 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™-cable[5]. The optional HP Thunderbolt Dock G2[6] delivers enterprise manageability and an optional audio module[7]. Traditional side docking is also supported to work with your existing solution.

- Power through your day with Windows 10 Pro[1] 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™ processor[8].

- Power through creative applications using high resolution 4k displays with optional AMD Radeon™ RX540 Discrete Graphics[6].

- Never wonder if someone is watching you with the added peace-of-mind that comes from the integrated HP Privacy Camera[9], with a physical shutter to protect from malicious surveillance.

- Protect your PC with the hardware-enforced self-healing protection of HP Sure Start Gen4[3] that automatically recovers the BIOS.

- Keep your critical applications and processes running even if malware tries to shut them down with self-healing protection[10].

- Fortify your security with up to three authentication factors including fingerprints and facial recognition[11].

- Help protect your PC from websites and in-browser .pdf files infected with malware, ransomware, or viruses with HP Sure Click[4].

HP EliteBook 850 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)	15.6"[11,13,14,15]
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] 360 GB up to 512 GB PCIe® NVMe™ M.2 SSD [6] up to 512 GB M.2 SATA FIPS 140-2 SSD [6] 128 GB up to 256 GB M.2 SATA SSD [6]
Display	15.6" diagonal FHD IPS anti-glare LED-backlit, 220 cd/m², 67% sRGB (1920 x 1080); 15.6" diagonal FHD IPS LED-backlit touch screen with Corning® Gorilla® Glass 3, 220 cd/m², 67% sRGB (1920 x 1080); 15.6" diagonal FHD IPS anti-glare LED-backlit, 400 cd/m², 100% sRGB (1920 x 1080); 15.6" diagonal 4K IPS anti-glare LED-backlit, 400 cd/m², 100% sRGB (3840 x 2160); HP Sure View Integrated Privacy Screen 15.6" diagonal FHD IPS anti-glare LED-backlit, 650 cd/m², 100% sRGB (1920 x 1080) [11,13,14,15]
Available Graphics	Integrated: Intel® UHD Graphics 620; Intel® HD Graphics 620[11] Discrete: AMD Radeon™ RX 540 (2 GB GDDR5 dedicated)[13]
Audio	Bang & Olufsen, dual stereo speakers, 3 multi array microphone
Wireless technologies	Intel® Dual Band Wireless-AC 8265 802.11a/b/g/n/ac (2x2) Wi-Fi® and Bluetooth® 4.2 Combo, vPro™; Intel® Dual Band Wireless-AC 8265 802.11a/b/g/n/ac (2x2) Wi-Fi® and Bluetooth® 4.2 Combo, non-vPro™; Realtek 802.11ac (2x2) Wi-Fi® and Bluetooth® 4.2 Combo, non-vPro™; HP lt4132 LTE/HSPA+ Mobile Broadband Module; Intel® XMM™ 7360 LTE-Advanced [7,8,9] (Compatible with Miracast-certified devices.)
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.)
Input devices	HP Premium Collaboration Keyboard spill resistant with drain, optional backlit; Clickpad with multi-touch gesture support, taps enabled as default Ambient light sensor[13]
Communications	HP Module with NXP NFC Controller NPC300 I2C NCI; Intel® I219-LM GbE, vPro™; Intel® I219-V GbE, non-vPro™ [10]
Camera	HD camera; HD IR webcam [11,12]
Available Software	Native Miracast support; HP LAN Protection; HP Connection Optimizer; HP Velocity; HP 3D DriveGuard; HP ePrint Driver + JetAdvantage; HP Hotkey Support; HP Recovery Manager; HP JumpStart; HP Support Assistant; HP Noise Cancellation Software; HP PhoneWise; HP Client Security Gen4; Buy Office [9,16,17,18,19]
Security management	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; 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; Windows Defender[23,24,25,26,27,28,29,36]
Management features	HP Driver Packs; HP System Software Manager (SSM); HP BIOS Config Utility (BCU); HP Client Catalog; HP Manageability Integration Kit Gen2; Ivanti Management Suite[20,21,22]
Power	65 W USB Type-C™ adapter; 45 W USB Type-C™ adapter; HP Smart 65 W External AC power adapter; HP Smart 65 W EM External AC power adapter; HP Smart 45 W External AC power adapter[31]
Battery type	HP Long Life 3-cell, 50 Wh Li-ion [30]
Battery life	Up to 14 hours and 15 minutes[35]
Dimensions	37 x 25.2 x 1.83 cm
Weight	Starting at 1.78 kg (non-touch); Starting at 1.93 kg (touch) (Weight will vary by configuration.)
Energy efficiency compliance	ENERGY STAR® certified and EPEAT® Gold registered[33]
Environmental specifications	Low halogen; TCO 5.0 Certified[34]
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

HP recommends Windows 10 Pro.

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Recommended Accessories and Services

HP 65W USB-C Power Adapter

Power and charge your notebook or tablet[1] from its USB-C™ port with the HP 65W USB-C™ Power Adapter.
Product number: 1HE08AA

HP Wireless Premium Mouse

Create a sleek, professional, clutter-free workspace and give yourself room to move around with the HP Wireless Premium Mouse, which integrates seamlessly with your HP notebook.
Product number: 1JR31AA

HP Executive 14.1 Midnight Slim Top Load

Product number: 1WM82AA

HP USB-C Universal Dock with 4.5 mm and USB Dock Adapter

Transform your HP notebook or tablet into a complete desktop experience with the HP USB-C Universal Dock, which delivers USB-C™ charging[1] and connections for your network, dual 4K displays, and accessories with one cable connection.
Product number: 2UF95AA

HP Wireless Collaboration Keyboard

Product number: Z9N39AA

HP 3-year Travel Next Business Day Onsite Notebook Only Service

Provides Next Business Day Onsite service for Notebook user in major geographies of the world for 3 years. For more information on Care Pack services, please visit www.hp.com/go/cpc
Product number: UC909E

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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] Ultra-bright display is an optional feature that must be installed at the factory.
[3] HP Sure Start Gen4 is available on HP EliteBook products equipped with Intel® 8th generation processors.
[4] 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.
[5] USB-C™ notebooks must be able to support power and video.
[6] Sold separately or as an optional feature.
[7] HP Audio Module sold separately and required for audio.
[8] 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.
[9] HP Privacy Camera only available on non-touch screens equipped with HD or IR camera and must be installed at the factory.
[10] HP Sure Run is available on HP Elite PCs equipped with Intel® or AMD 8th generation processors.
[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] 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. Available on Q2 2018.
[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 PhoneWise Client is only available on select platforms. For supported platforms and HP PhoneWise system requirements see www.hp.com/go/HPPhoneWise.
[19] HP Client Security Suite Gen 4 requires Windows and Intel® or AMD 8th generation processors.
[20] HP Driver Packs not preinstalled, however available for download at http://www.hp.com/go/clientmanagement.
[21] HP Manageability Integration Kit can be downloaded from http://www8.hp.com/us/en/ads/clientmanagement/overview.html
[22] Ivanti Management Suite subscription required.
[23] HP BIOSphere Gen4 features may vary depending on the PC platform and configurations requires 8th Gen Intel® processors.
[24] 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.
[25] 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.
[26] 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.
[27] HP Fingerprint Sensor sold separately or as an optional feature.
[28] Windows Defender Opt in and internet connection required for updates.
[29] 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.
[30] Supports HP Fast Charge with 65W AC Adapter.
[31] Availability may vary by country.
[32] 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.
[33] 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.
[34] External power supplies, power cords, cables and peripherals are not Low Halogen. Service parts obtained after purchase may not be Low Halogen.
[35] 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.
[36] HP Drive Lock is not supported on NVMe™ drives.

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