ProductSheet
HP EliteBook 850 G8 Notebook PC (3G0C6PA)

Work with each other even when you're apart

Teams work from many locations requiring a powerful, secure, and durable laptop that connects easily to keep you productive. Meet the demands of the multi-task, multi-place, enterprise-business workday with the HP EliteBook 850.



HP recommends Windows 10 Pro for business

Designed for you
The HP EliteBook 850 is built for how you work with a new AI-based audio experience. This easy to carry ultralight and thin business PC comes with an 85-percent screen-to-body ratio and a quiet and comfortable keyboard to work on.

Work with peace of mind
Security features from HP work together to create an always-on, always-acting, resilient defense. From the BIOS to the browser, above and below the OS, these constantly evolving solutions help protect your PC from threats.

Pursue success
Do your best work on the HP EliteBook 850 with Wi-Fi 6[6,7], long battery life, and a powerful 11th Gen Intel® Core™ processor.[4]

Featuring

Let nothing stand in your way
Power through your day with Windows 10 Pro and the powerful security, collaboration and connectivity features from HP. [1]

High performance, high portability
Help speed up demanding business applications with a quad-core 11th Gen Intel® Core™ processor, with breakthrough Intel® Iris® Xe graphics. [4]

HP Sure Sense
Malware is evolving rapidly and traditional antivirus can't always recognize new attacks. Protect your PC against never-before-seen attacks with HP Sure Sense, which uses deep learning AI to provide exceptional protection against advanced malware.

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-speed Wi-Fi 6. [2]

Automatic recovery from firmware attacks
Firmware attacks can completely devastate your PC. Stay protected with HP's self-healing BIOS - HP Sure Start Gen6 automatically recovers the BIOS from malware, rootkits, or corruption.

Keep your PC's security protections in place.
Stop unwanted changes to security settings and help limit the spread of malware with HP Sure Run Gen3 which identifies, quarantines, and provides reporting on attackers trying to kill

Specifications

Operating system	Windows 10 Pro 64
Processor family	11th Generation Intel® Core™ i7 processor
Processor	Intel® Core™ i7-1185G7 (up to 4.8 GHz with Intel® Turbo Boost Technology, 12 MB L3 cache, 4 cores)[6,7]
Memory	16 GB DDR4-3200 SDRAM (1 x 16 GB)
Memory Slots	2 SODIMM
Internal Storage	512 GB PCIe® NVMe™ SSD
Optical drive	Not included
Graphics	Discrete
Graphics (discrete)	NVIDIA® GeForce® MX450 (2 GB GDDR5 dedicated)
Graphics	Integrated
Graphics (integrated)	Intel® Iris® Xᵉ Graphics
Display	39.6 cm (15.6") diagonal, FHD (1920 x 1080), IPS, anti-glare, 250 nits, 45% NTSC
Display	15.6" diagonal, FHD (1920 x 1080), IPS, anti-glare, 250 nits, 45% NTSC[16,17,18]
Display size (diagonal)	39.6 cm (15.6")
Display size (diagonal)	15.6"
Audio features	Audio by Bang & Olufsen, dual stereo speakers, 3 multi array microphone
Minimum dimensions (W x D x H)	35.6 x 23.37 x 1.92 cm
Minimum dimensions (W x D x H)	14.01 x 9.2 x 0.75 in
Weight	Starting at 1.77 kg (touch); Starting at 1.68 kg (non-touch) *(Weight will vary by configuration.)*
Weight	Starting at 3.91 lb (touch); Starting at 3.71 lb (non-touch) *(Weight will vary by configuration.)*
Keyboard	HP Premium Keyboard – spill-resistant, optional backlit keyboard with numeric keypad
Pointing device	Clickpad with multi-touch gesture support
Camera	720p HD IR camera
Ports	2 Thunderbolt™ 4 with USB4 Type-C® 40Gbps signaling rate (USB Power Delivery, DisplayPort™ 1.4); 2 SuperSpeed USB Type-A 5Gbps signaling rate (1 charging); 1 Stereo headphone/microphone combo jack; 1 HDMI 2.0b; 1 AC power[32] *(HDMI cable sold separately.)*
Wireless	Intel® AX201 Wi-Fi 6 (2x2) and Bluetooth® 5 combo, vPro®
Power	HP Smart 65 W External AC power adapter[34,35]
Battery type	HP Long Life 3-cell, 56 Wh Li-ion
Battery weight	0.45 lb
Battery weight	204 g
Management features	HP Driver Packs; HP System Software Manager (SSM); HP BIOS Config Utility (BCU); HP Client Catalog; HP Manageability Integration Kit Gen4[21,22]
Sustainable impact specifications	Ocean-bound plastic in speaker enclosure; 35% post-consumer recycled plastic; Low Halogen; Bulk packaging available
Security management	Absolute persistence module; HP DriveLock and Automatic DriveLock; HP Secure Erase; Power-on authentication; Preboot authentication; TPM 2.0 embedded security chip shipped with Windows 10 (Common Criteria EAL4+ Certified); HP Sure Click; HP Sure Sense; Support for chassis padlocks and cable lock devices; HP Sure Start Gen6; HP Sure Run Gen3; HP Sure Recover Gen3; HP Sure Admin; HP BIOSphere Gen6[23,24,25,26,27,28,29,30,31,33]
Software included	HP Connection Optimizer; HP Image Assistant; HP Hotkey Support; HP Noise Cancellation Software; HP PC Hardware Diagnostics UEFI; HP Support Assistant; Buy Office (Sold separately); HP Power Manager; HP WorkWell; myHP; HP Privacy Settings; HSA Fusion for Commercial; HSA Telemetry for Commercial; Touchpoint Customizer for Commercial; HP Notifications; HP QuickDrop; Tile App; HP Wireless Button Driver[19,20,39]
Warranty	HP Services offers 1-year and 3-year limited warranties and 90 day software limited warranty options depending on country. Batteries have a default one year limited warranty except for Long Life Batteries which will have same 1-year or 3-year limited warranty as the platform. 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.[36]

Top Recommended Displays, Accessories and Services

E-Series	
HP E24 G4 FHD Monitor	9VF99AA
HP E24d G4 FHD Advanced Docking Monitor	6PA50AA
HP E27q G4 QHD Monitor	9VG82AA
Docking Stations	
HP USB-C Dock G5	5TW10AA
HP USB-C/A Universal Dock G2	5TW13AA
HP Thunderbolt Dock 120W G2	2UK37AA
Cases	
HP Executive 15.6 Top Load	6KD06AA
Backpacks	
HP Recycled Series 15.6-inch Backpack	5KN28AA
Keyboard and Mouse Kits	
HP Slim Wireless Keyboard and Mouse	T6L04AA
Mice	
HP Bluetooth Travel Mouse	6SP30AA
HP Elite Presenter Mouse	2CE30AA
AC Adapters	
HP 45W Smart AC Adapter	H6Y88AA
PC Locks	
HP Sure Key Cable Lock	6UW42AA
HP Nano Keyed Cable Lock	1AJ39AA

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] Wireless access point and internet service required and sold separately. Availability of public wireless access points limited. Wi-Fi 6 is backwards compatible with prior 802.11 specs. The specifications for Wi-Fi 6 (802.11ax) are draft and are not final. If the final specifications differ from the draft specifications, it may affect the ability of the PC to communicate with other 802.11ax devices. Wi-Fi® supporting gigabit speeds is achievable with Wi-Fi 6 (802.11ax) when transferring files between two devices connected to the same router. Requires a wireless router, sold separately, that supports 160MHz channels.

[4] 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.

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Technical Specifications Footnotes

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

[16] HD content required to view HD images.

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

[18] 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.

[19] HP Connection Optimizer requires Windows 10.

[20] HP Support Assistant requires Windows and Internet access.

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

[22] HP Manageability Integration Kit can be downloaded from http://www8.hp.com/us/en/ads/clientmanagement/overview.html.

[23] 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/

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

[25] Firmware TPM is version 2.0.

[26] HP Sure Click requires Windows 10. See https://bit.ly/2PrLT6A_SureClick for complete details.

[27] HP Sure Sense requires Windows 10.

[28] HP Sure Start Gen6 is available on select HP PCs.

[29] HP Sure Run Gen3 is available on select Windows 10 based HP Pro, Elite and Workstation PCs with select Intel® or AMD processors.

[30] HP Sure Recover Gen3 is available on select HP PCs and requires an open network connection. You must back up important files, data, photos, videos, etc. before using HP Sure Recover to avoid loss of data.

[31] HP Sure Admin requires Windows 10, HP BIOS, HP Manageability Integration Kit from http://www.hp.com/go/clientmanagement and HP Sure Admin Local Access Authenticator smartphone app from the Android or Apple store.

[32] SuperSpeed USB 20Gbps is not available with Thunderbolt™ 4.

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