HP EliteBook 850 G4 Notebook PC

Security, manageability, and performance in an ultrathin design.

Elevate your business with an ultrathin, professional laptop that empowers users to perform at their very best. Enterprise-class features, comprehensive security, and a refined collaboration experience handle even the most demanding tasks with streamlined efficiency.

HP recommends Windows 10 Pro.

Strong security, powerful manageability
- Get powerful protection and simplified management from HP's most secure and manageable PCs. HP Sure Start Gen3[2] protects against BIOS attacks and easily manage devices through Microsoft SCCM with HP Manageability Integration Kit[3].

High performance, high portability
- Speed up demanding business applications and data. Combine high-performance and long battery life with 7th Gen Intel® Core™ processors[4], and PCIe Gen3 solid state drives[5]. Amplify performance with up to 32 GB of DDR4 memory and dual storage options[5].

Thin design, no adapters needed
- Give portability a whole new meaning with an ultrathin design that doesn't cut corners. Starting at an incredible 19.4mm, the HP EliteBook 850 includes several ports like full-size VGA, DisplayPort™, RJ-45, and enterprise docking.

See and hear them clearly
- Give your online collaboration the sharpness and clarity of a face-to-face meeting with HP Audio Boost, HP Noise Cancellation software, Audio by Bang & Olufsen, and an optional 720p webcam[5].
- Power through your day with Windows 10 Pro[1] and the powerful, sleek, thin, and light HP EliteBook 850.
- HP Sure Start Gen3[2] monitors in-memory BIOS, recovers the platform without intervention, restores the BIOS to a custom state, and is enterprise ready for centralized management.
- Improve the quality and security of custom Windows images with HP Image Assistant which assists ITDMs with image creation, identifies problems, and provides recommendations and remediation.
- Deploy the HP Manageability Integration Kit[3] to help speed up image creation and the management of hardware, BIOS, and security when managing devices through Microsoft SCCM.
- Get up to 50% battery life in just 30 minutes of charging[6] with an HP fast charging battery.
- HP Audio Boost balances loudness and clarity, and enhances bass for improved speech quality.
- Suppress background noise including keyboard clicks with HP Noise Cancellation Software.
- Get the speed and space you need without having to use external storage. Dual drive support options quickly boot, wake, and run your system on a fast SSD[5] and let you maintain access to your files with a high-capacity HDD[5].

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Specifications Table

HP recommends Windows 10 Pro.

Available Operating System	Windows 10 Pro 64 – HP recommends Windows 10 Pro.[1] Windows 10 Home 64[1] FreeDOS 2.0
Processor Family	7th Generation Intel® Core™ i7 processor; 7th Generation Intel® Core™ i5 processor
Available Processors[9,21]	Intel® Core™ i7-7600U with Intel HD Graphics 620 (2.8 GHz, up to 3.9 GHz with Intel Turbo Boost Technology, 4 MB cache, 2 cores); Intel® Core™ i5-7300U with Intel HD Graphics 620 (2.6 GHz, up to 3.5 GHz with Intel Turbo Boost Technology, 3 MB cache, 2 cores); Intel® Core™ i7-7500U with Intel HD Graphics 620 (2.7 GHz, up to 3.5 GHz with Intel Turbo Boost Technology, 4 MB cache, 2 cores); Intel® Core™ i5-7200U with Intel HD Graphics 620 (2.5 GHz, up to 3.1 GHz with Intel Turbo Boost Technology, 3 MB cache, 2 cores); Intel® Core™ i3-7100U with Intel® HD Graphics 620 (2.4 GHz, 3 MB cache, 2 cores)
Chipset	Chipset is integrated with processor
Maximum Memory	Up to 32 GB DDR4-2133 SDRAM
Memory Slots	2 SODIMM
Internal Storage	up to 500 GB SATA (7200 rpm)[11] up to 128 GB M.2 SATA SSD[11] up to 360 GB M.2 PCIe NVMe TLC SSD[11] up to 512 GB M.2 PCIe Gen 3x4 MLC SSD[2,11] up to 512 GB M.2 PCIe NVMe MLC SSD[11]
Display	39.6 cm (15.6") diagonal HD SVA anti-glare slim LED-backlit (1366 x 768); 39.6 cm (15.6") diagonal HD SVA anti-glare slim LED-backlit with camera (1366 x 768); 39.6 cm (15.6") diagonal FHD SVA anti-glare slim LED-backlit (1920 x 1080); 39.6 cm (15.6") diagonal FHD SVA anti-glare slim LED-backlit with camera (1920 x 1080); 39.6 cm (15.6") diagonal UHD UWVA anti-glare slim LED-backlit (3840 x 2160); 39.6 cm (15.6") diagonal UHD UWVA anti-glare slim LED-backlit with camera (3840 x 2160); 39.6 cm (15.6") diagonal FHD SVA slim with camera, Corning® Gorilla® Glass 4 LED-backlit touch screen (1920 x 1080)[3,6]
Available Graphics	Integrated: Intel® HD Graphics 620[6] Discrete: AMD Radeon™ R7 M465 (2 GB GDDR5 dedicated)
Wireless Technologies	HP lt4120 Qualcomm® Snapdragon™ X5 LTE Mobile Broadband Module; HP lt4132 LTE/HSPA+ Mobile Broadband; HP hs3210 WW HSPA+ Mobile Broadband; Intel® Dual Band Wireless-AC 8265 802.11 a/b/g/n/ac (2x2) Wi-Fi® and Bluetooth® 4.2 Combo (vPro™ and non-vPro™); Intel® Dual Band Wireless-AC 3168 802.11 a/b/g/n/ac (1x1) Wi-Fi® and Bluetooth® 4.2 Combo (non-vPro™); Near Field Communication (NFC) module[3,4,5,13] (Support for Miracast (Windows 10))
Communications	Intel® Ethernet Connection I219-V; Intel® Ethernet Connection I219-LM
Expansion Slots	1 SD; 1 external SIM (Supports SD, SDHC, SDXC.)
Ports and Connectors	2 USB 3.1 Gen 1 (1 charging); 1 USB Type-C™; 1 DisplayPort™ 1.2; 1 VGA; 1 RJ-45; 1 docking connector; 1 headphone/microphone combo; 1 AC power (Cables are not included.)
Input Device	HP Premium Keyboard with drain, optional backlit and DuraKeys Touchpad with on/off button, two-way scroll, taps and gestures enabled, two-finger scrolling, two finger zoom (pinch)
Webcam	720p HD webcam (optional)[3,6,7]
Available Software	HP Mobile Connect Pro (models with Windows 8.1 and Windows 10); HP 3D Driveguard (Windows required); HP ePrint Driver+JetAdvantage; HP Hotkey Support; HP Recovery Manager; HP Support Assistant; HP Noise Cancellation; Buy Office; Bing Search; Skype; HP Workwise; HP Image Assistant; HP Velocity[12,14,15,24]
Security Management	HP Device Access Manager; HP BIOSphere with HP Sure Start Gen 3; HP Secure Erase; Preboot Authentication; Absolute Persistence Module; HP Client Security; HP Fingerprint Sensor; HP Password Manager; Fingerprint reader (select models); Security lock slot (lock must be purchased separately); TPM 2.0; Integrated smart card reader (active)[8,10,19,20,23]
Power	45 W Smart AC adapter (not available for China and India); 65 W Smart AC adapter (not available for China and India) HP Long Life 3-cell, 51 Wh Li-ion Up to 14 hours and 15 minutes[22]
Dimensions	38.36 x 25.77 x 1.94 cm (non-touch); 38.36 x 25.77 x 2.08 cm (touch) (Height varies depending upon where on the notebook the measurement is made.)
Weight	Starting at 1.84 kg (Weight varies by configuration and components)
Energy Efficiency Compliance	ENERGY STAR® certified configurations available
Warranty	3-year limited warranty (optional Care Packs available, sold separately), 3-year limited warranty on HP Long Life Battery (available only with the 3-year limited platform warranty)

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Accessories and services (not included)

HP Docking Station Cable Lock	The HP Docking Station Cable Lock is dramatically simpler to use than previous locks and delivers enhanced security. The HP Docking Station Cable Lock gives you two locking options: lock the docking station only (which also prevents access to the advanced docking stations drive bay) or lock both the docking station and the notebook. **Product number: AU656AA**
HP UltraSlim Docking Station	Designed exclusively for ultraslim HP EliteBook Notebook PCs, the HP UltraSlim Docking Station expands display, network, and device connectivity so you can be more productive throughout the day—all through a simple one-click slide-in side dock. **Product number: D9Y32AA**
HP Comfort Grip Wireless Mouse	The HP Comfort Grip Wireless Mouse features a 30-month battery life and a bold, modern design that integrates seamlessly with HP Business Notebooks. **Product number: H2L63AA**
HP 65W Smart AC Adapter	Feed your notebook with controlled servings of electricity. HP's new 65W Smart AC Adapter regulates power and offsets electrical spikes, is designed to reduce cable stress, and includes a special dongle to support current and prior HP models – perfect for replacing your notebook's power adapter or as a needed back-up. **Product number: H6Y89AA**
HP 15.6 Executive Black Top Load	Protect your bag's contents while you're on the move with the black HP Executive Top Load, which has a lockable, double-teeth zippered notebook compartment, secure RFID pocket to safeguard your ID, and a discrete pocket for an optional tracking device.[1] **Product number: P6N18AA**
HP UC Wireless Duo Headset	Take a call up to 100 feet away from your desk or phone with the HP UC Wireless Duo Headset and get premium stereo sound and noise cancelling even in the busiest environments, in a design that's comfortable to wear throughout the work day.[1][2] **Product number: W3K09AA**
HP 4 year Next Business Day Onsite Hardware Support for Notebooks	Receive 4 years of next business day onsite HW support from an HP-qualified technician for your computing device, if the issue cannot be solved remotely. **Product number: U7860E**

Learn more at
www.hp.eu/hpoptions

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HP recommends Windows 10 Pro.

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.microsoft.com.

[2] Available on HP EliteBook and HP EliteDesk products equipped with Intel® and AMD 7th generation processors/APUs.

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

[4] 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. Intel's numbering is not a measurement of higher performance.

[5] Sold separately or as an optional feature.

[6] 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.

[7] HP WorkWise smartphone app will soon be available as a free download on the App Store and Google Play.

Technical specifications disclaimers

[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] Planned to be available first quarter 2017.

[3] Sold separately or as an optional feature.

[4] WiFi is optional. Wireless access point and Internet service is required and is not included. Availability of public wireless access points limited.

[5] WWAN module is optional 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.

[6] HD content required to view HD images.

[7] Internet access required.

[8] Available only on business PCs with HP BIOS.

[9] vPro™ is not available on Intel i5-7200U, or i7-7500U processors.

[10] For the methods outlined in the National Institute of Standards and Technology Special Publication 800-88.

[11] For storage drives, GB = 1 billion bytes. TB = 1 trillion bytes. Actual formatted capacity is less. Up to 30GB of system disk is reserved for system recovery software.

[12] HP Mobile Connect Pro is only available on preconfigured devices with WWAN. For geographic availability refer to www.hp.com/go/mobileconnect

[13] NFC is optional.

[14] HP ePrint Driver 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).

[16] HP MIK is not preinstalled, coming soon at http://www.hp.com/go/clientmanagement

[17] LANDESK Management subscription required.

[19] 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.

[20] Opt in and internet connection required for updates.

[21] 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 is not a measurement of higher performance.

[22] 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.

[23] HP Sure Start Gen 3 is available on HP EliteBook products equipped with Intel® 7th generation processors.

[24] HP Workwise app will soon be available as a free download on the App Store and Google Play.

Learn more at
www.hp.eu/notebooks

Sign up for updates
www.hp.com/go/getupdated

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