Datasheet

HP EliteBook 840 G5 Notebook PC

Beautifully crafted with the modern professional in mind, the highly secure and manageable HP EliteBook 840 offers powerful collaboration tools, so you can be as productive as ever, on the go or at the office.

HP recommends Windows 10 Pro.

Brilliant new design

This ultra-slim, precision-crafted aluminum laptop goes anywhere, and looks great doing it. An optional ultra-bright display[2] automatically 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 HP SureRun[10].
- Instantly protect against visual hacking with the optional HP Sure View Gen2[11] 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 Click[4].
- Fortify your security with up to three authentication factors including fingerprints and facial recognition[11].

HP recommends Windows 10 Pro.

HP EliteBook 840 G5 Notebook PC Specifications Table

Available Operating System	Windows 10 Pro 64 – HP recommends Windows 10 Pro. [1] Windows 10 Home 64 [1] FreeDOS 2.0
Processor Family	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™ i5 processor (i5-7300U); 7th Generation Intel® Core™ i5 processor (i5-7200U) [4]
Available Processors	Intel® Core™ i7-8650U 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™ i5-8350U 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 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) [2,3,4]
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	14" diagonal FHD IPS anti-glare LED-backlit, 220 cd/m², 45% sRGB (1920 x 1080) 14" diagonal FHD IPS LED-backlit touch screen with Corning® Gorilla® Glass 3, 220 cd/m², 45% sRGB (1920 x 1080) HP Sure View 14" diagonal FHD IPS LED-backlit touch screen with Corning® Gorilla® Glass 3, 700 cd/m², 72% sRGB (1920 x 1080) 14" diagonal 4K IPS anti-glare LED-backlit, 400 cd/m², 72% sRGB (3840 x 2160) HP Sure View 14" diagonal FHD IPS anti-glare LED-backlit, 700 cd/m², 72% sRGB (1920 x 1080) 14" diagonal FHD IPS anti-glare LED-backlit, 400 cd/m², 72% sRGB (1920 x 1080)
Available Graphics	Integrated: Intel® UHD Graphics 620; Intel® HD Graphics 620[11] Discrete: AMD Radeon™ RX 540 (2 GB GDDR5 dedicated)[13]
Wireless Technologies	Intel® Dual Band Wireless-AC 8265 802.11a/b/g/n/ac (2x2) Wi-Fi® and Bluetooth® 4.2 Combo, non-vPro™; Intel® Dual Band Wireless-AC 8265 802.11a/b/g/n/ac (2x2) Wi-Fi® and Bluetooth® 4.2 Combo, vPro™; Intel® XMM™ 7360 LTE-Advanced [7,8,9] (Compatible with Miracast-certified devices.)
Communications	HP Module with NXP NFC Controller NPC300 I2C NCI; Intel® I219-LM GbE, vPro™; Intel® I219-V GbE, non-vPro™ [10]
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.)
Input Device	HP Premium Collaboration Keyboard spill resistant with drain, optional backlit; Clickpad with multi-touch gesture support, taps enabled as default
Camera	HD camera; HD IR webcam [11,12]
Available Software	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 PhoneWise; HP Client Security Gen4 [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; 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 [23,24,25,26,27,28,29]
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	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 [31] HP Long Life 3-cell, 50 Wh Li-ion [30] Battery is internal and not replaceable by customer. Serviceable by warranty.
Dimensions	12.84 x 9.22 x 0.7 in 32.6 x 23.4 x 1.79 cm

HP recommends Windows 10 Pro.

Weight	Starting at 3.27 lb (non-touch); Starting at 3.56 lb (touch) Starting at 1.48 kg (non-touch); Starting at 1.61 kg (touch) (Weight will vary by configuration.)
Environmental	Low halogen; TCO 5.0 Certified [34]
Energy Efficiency Compliance	ENERGY STAR® certified and EPEAT® Gold registered [33]
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[32]

HP recommends Windows 10 Pro.

HP EliteBook 840 G5 Notebook PC

Accessories and services (not included)

HP Thunderbolt Dock 120W G2

Reinvent docking and boost productivity with the sophisticated and small HP Thunderbolt Dock G2. Designed for workspace flexibility and network manageability, its single USB-C™ cable delivers device connectivity and optional integrated audio[1] to Thunderbolt™- and USB-C™[2]-enabled notebooks.[3]
Product number: 2UK37AA

HP UltraSlim Docking Station

Quickly and easily expand your display, network, and device connectivity to customize an always-ready workspace with the HP UltraSlim Docking Station, a simple one-click, slide-in side dock for select ultraslim HP EliteBook Notebook PCs.
Product number: D9Y32AA

HP Slim Professional Top Load Case

The HP Slim Ultrabook Top Load—a stylish, durable, and compact carrying case built for your Ultrabook™.[1] A black twill fabric accented with gray plaid combines form and function to help protect your hardware and give you a polished appearance.
Product number: F3W15AA

HP Wireless Collaboration Keyboard

Optimize productivity with a slim profile that conserves space and ultra-quiet scissor keys that foster focus, easy travel, and accurate typing. Get comfortable with adjustable slope, and breathe easy with a keyboard that resists minor spills.
Product number: Z9N39AA

HP 3 year Next Business Day Onsite HW Support w/Accidental Damage Protection-G2 for Notebooks

When hardware issues come up, the sooner you can get running again, the better. Have expertise at the ready with HP Hardware Next Business Day[1] Onsite Service with Accidental Damage Protection, and vastly improve your product uptime. With high-quality remote assistance or convenient onsite support available the next business day, help is there when you need it—so you can get back to work.
Product number: UC282E (for 1 year platforms), UC279E (for 3 year platforms)

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.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 Sure View integrated privacy screen is an optional feature that must be configured at purchase.

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 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] Microsoft 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.

Sign up for updates
hp.com/go/getupdated

Learn more at
hp.com

Copyright © 2018 HP Development Company, L.P. The information contained herein is subject to change without notice. The only warranties for HP products are set forth in the express limited warranty statements accompanying such products. Nothing herein should be construed as constituting an additional warranty. HP shall not be liable for technical or editorial errors or omissions contained herein.

Bluetooth is a trademark of its proprietor and used by HP Inc. under license. Intel, Core, Thunderbolt and Intel vPro are trademarks of Intel Corporation or its subsidiaries in the U.S. and/or other countries. USB Type-C™ and USB-C™ are trademarks of USB Implementers Forum. ENERGY STAR is a registered trademark of the U.S. Environmental Protection Agency. All other trademarks are the property of their respective owners.

4AA7-1894ENUC, April 18th 2018