Datasheet

HP EliteBook 840 G3 Notebook PC

Impressively thin and light, the HP EliteBook 840 empowers users to create, connect, and collaborate, using enterprise-class performance technology that helps keep you productive in and out of the office.



HP recommends Windows 10 Pro.

- Windows 10 Pro[1]
- Screen Size: 14" diagonal

Portable powerhouse

- Combine high performance technology and long battery life with Windows 10 Pro,[1] 6th Gen Intel® Core™ processors,[2] and a PCIe Gen3 SSD[3]. Drive performance with up to 32 GB of DDR4 memory,[3] and dual storage options[3] for your most demanding business applications and fast access to data.

Slim new design with all the right ports

- Connect to essential ports without the hassle of dongles. At just 18.9 mm, the ultraslim and light HP EliteBook 840 comes with VGA, Display Port, RJ-45, USB, USB-C™, and enterprise docking capabilities.

Security inside and out

- HP helps protect you from malware and visual hacking. HP Sure Start with Dynamic Protection protects against BIOS attacks, and the optional HP Sure View integrated privacy screen[5] shields your screen from prying eyes with the touch of a button.

Designed for collaboration

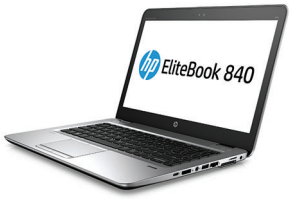
- Replace your speaker phone with the HP EliteBook 840 with Audio by Bang & Olufsen plus HP Noise Reduction Software that provides a rich collaboration experience for applications like Skype for Business.[3]

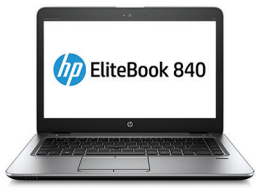
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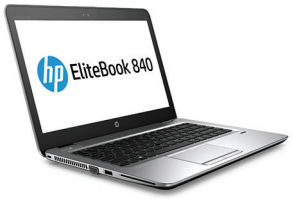
- Power through your day with Windows 10 Pro[1] and the powerful, sleek, thin, and light HP EliteBook 840.
- Instantly protect against visual hacking with the optional HP Sure View[5] integrated privacy screen, featuring 3M privacy technology. At the touch of a button your screen appears dark to those around you while you see your content clearly.
- HP Sure Start with Dynamic Protection checks your BIOS every 15 minutes to detect attacks and corruption then self-heals the BIOS automatically.
- Enjoy a remarkable balance of comfort and feedback with the HP Premium Keyboard engineered for accuracy.
- 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[3] and let you maintain access to your files with a high-capacity HDD.[3]
- Stand up to the workload with an EliteBook that passed MIL-STD 810G testing.[4]
- Experience the difference with HP Clear Sound AMP and the HP EliteBook 840 speakers.
- Suppress background noise including keyboard clicks with HP Noise Reduction Software.

HP recommends Windows 10 Pro.

HP EliteBook 840 G3 Notebook PC Specifications Table







Available Operating System	Windows 10 Pro 64 [1] Windows 10 Home 64 – HP recommends Windows 10 Pro. 1 FreeDOS 2.0 NeoKylin Linux 64 [23]
Processor Family [4]	Intel® Core™ i7 processor; Intel® Core™ i5 processor; Intel® Core™ i3 processor
Processor Technology	Intel® vPro™ Technology (select models)
Available Processors [4,5]	Intel® Core™ i7-6600U with Intel HD Graphics 520 (2.6 GHz, up to 3.4 GHz with Intel Turbo Boost Technology, 4 MB cache, 2 cores); Intel® Core™ i7-6500U with Intel HD Graphics 520 (2.5 GHz, up to 3.1 GHz with Intel Turbo Boost Technology, 4 MB cache, 2 cores); Intel® Core™ i5-6300U with Intel HD Graphics 520 (2.4 GHz, up to 3 GHz with Intel Turbo Boost Technology, 3 MB cache, 2 cores); Intel® Core™ i5-6200U with Intel HD Graphics 520 (2.3 GHz, up to 2.8 GHz with Intel Turbo Boost Technology, 3 MB cache, 2 cores); Intel® Core™ i3-6100U with Intel HD Graphics 520 (2.3 GHz, 3 MB cache, 2 cores)
Chipset	Chipset is integrated with processor
Maximum Memory	32 GB DDR4-2133 SDRAM [6] Transfer rates up to 2133 MT/s. SODIMM slots are customer accessible/upgradeable. Supports dual channel memory.
Memory Slots	2 SODIMM
Internal Storage	up to 500 GB SATA (7200 rpm) [7] up to 1 TB SATA (5400 rpm) [7] up to 500 GB SATA SED (7200 rpm) [7] up to 500 GB SATA FIPS 140-2 SED (7200 rpm) [7] 180 GB up to 240 GB M.2 SATA MLC SSD [7] 180 GB up to 512 GB M.2 SATA MLC SED SSD [7] 128 GB up to 512 GB M.2 SATA TLC SSD [7] up to 256 GB M.2 PCIe SSD [7]
Display	HP Sure View integrated privacy screen 14" diagonal FHD SVA anti-glare slim LED-backlit non-touch (1920 x 1080); HP Sure View integrated privacy screen 14" diagonal FHD SVA anti-glare slim LED-backlit non-touch with camera (1920 x 1080); 14" diagonal HD SVA anti-glare slim LED-backlit (1366 x 768); 14" diagonal FHD SVA anti-glare slim LED-backlit (1920 x 1080); 14" diagonal QHD UWVA anti-glare ultra-slim LED-backlit (2560 x 1440); 14" diagonal FHD SVA slim LED-backlit touch screen (1920 x 1080) [13]
Available Graphics	Integrated: Intel® HD Graphics 520
Audio	Audio by Bang & Olufsen; Integrated dual array microphone; Integrated premium speakers; HP Noise Reduction Software; HP Clear Sound Amp
Wireless Technologies	HP lt4120 Qualcomm® Snapdragon™ X5 LTE Mobile Broadband Module; HP hs3110 HSPA+ Mobile Broadband; Intel 802.11a/b/g/n/ac (2x2) and Bluetooth® 4.2 Combo; Intel 802.11a/b/g/n/ac (1x1) and Bluetooth® 4.0 Combo; Near Field Communication (NFC) module (optional); Intel® Pro Wireless Display (WiDi Pro) [8,9,10,11,12] (Support for Miracast (Windows 8.1 and Windows 10))
Communications	Intel® Ethernet Connection I219-V 10/100/1000 (with Intel® i3-6100U, i5-6200U, and i7-6500U); Intel® Ethernet Connection I219-LM 10/100/1000 (with Intel® i5-6300U and i7-6600U)
Expansion Slots	1 media card reader; 1 external SIM (Supports SD, SDHC, SDXC.)
Ports and Connectors	1 USB 3.0; 1 USB 3.0 charging; 1 USB Type-C™; 1 DisplayPort; 1 VGA; 1 headphone/microphone combo; 1 AC power; 1 RJ-45; 1 docking connector
Input Device	Spill-resistant keyboard with drain; Spill-resistant backlit keyboard with drain and DuraKeys (optional) Glass touchpad (with chemically etched surface) with on/off button, supports 2-way scroll, taps and gestures enabled by default, two-finger scrolling, two finger zoom (pinch), Pointstick
Camera	720p HD webcam (select models) [13]
Available Software	Buy Office; HP BIOSphere; HP Sure Start with Dynamic Protection; HP Client Security; HP ePrint Driver; HP Support Assistant; HP Image Assistant; HP SoftPaq Download Manager; HP 3D Driveguard; HP Connection Manager (models with Windows 7 only); HP Mobile Connect Pro (models with Windows 8.1 and Windows 10); HP Recovery Manager; HP Noise Reduction Software [14,15,16,17,18,19,22]
Security Management	Security lock slot (lock must be purchased separately); TPM 1.2/2.0; Integrated smart card reader (active); Preboot Authentication (password, Smart Card); HP Fingerprint reader (optional) [20]
Power	45 W Smart AC adapter; 45 W Smart AC adapter 2-prong (Japan only); 65 W Smart AC adapter; 65 W EM Smart AC adapter (China and India only)
Battery Type	HP Long Life 3-cell, 46 WHr Li-ion polymer
Battery Life	Up to 13 hours and 30 minutes [24]
Dimensions	33.8 x 23.7 x 1.89 cm (non-touch); 33.8 x 23.7 x 2.02 cm (touch)
Weight	Starting at 1.48 kg (non-touch); Starting at 1.7 kg (touch) (Weight will vary by configuration.)
Environmental	Low halogen [21]
Energy Efficiency Compliance	ENERGY STAR® certified configurations available
Warranty	Limited 3-year, 1-year or 90-day limited warranty options available, depending on country. Batteries have a default 1-year limited warranty except for HP Long Life batteries which will have same 1-year or 3-year limited warranty as the platform. Optional HP Care Pack Services are extended service contracts which go beyond your standard limited warranties. Restrictions and limitations apply. Consult the HP Customer Support Center for details: http://h20000.www2.hp.com/bizsupport/TechSupport/ProductRoot.jsp

HP recommends Windows 10 Pro.

HP EliteBook 840 G3 Notebook PC

Recommended Accessories and Services

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 CM03XL Long Life Notebook Battery



Make a smart choice with the HP CM03XL Long Life Notebook Battery, which has up to a three-year life span[1] to help lower your total cost of ownership. Help reduce your overall battery waste by using fewer batteries over the life of the notebook.
Product number: E7U24AA

HP Conferencing Keyboard



Drive your Microsoft Lync voice and video calls directly from your HP Conferencing Keyboard and connect, disconnect, and manage your calls and videoconferencing settings with simple dedicated keys[1].
Product number: K8P74AA

HP 3-year Travel Next Business Day Notebook Only Service

Care Pack

This HP services offers notebook users on the go prompt, reliable coverage 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: UL653E

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] 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.
[3] Sold separately or as an optional feature.
[4] MIL STD 810G testing is not intended to demonstrate fitness for U.S. Department of Defense contract requirements or for military use. Test results are not a guarantee of future performance under these test conditions. Damage under the MIL STD test conditions or any accidental damage requires an optional HP Accidental Damage Protection Care Pack.
[5] 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.microsoft.com.
[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] Some vPro™ functionality, such as Intel® Active management technology and Intel Virtualization technology, requires additional 3rd party software in order to run. Availability of future "virtual appliances" applications for Intel vPro technology is dependent on 3rd party software providers. Microsoft Windows required.
[6] Maximum memory capacities assume Windows 64-bit operating systems. With Windows 32-bit operating systems, memory above 3 GB may not all be available due to system resource requirements.
[7] For storage drives, GB = 1 billion bytes. Actual formatted capacity is less. Up to 30 GB (for Windows 8 and 10) is reserved for system recovery software.
[8] All wireless options are sold separately or as optional features.
[9] For all 802.11 wireless, wireless access point and Internet service is required and is not included. 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.
[10] WWAN is an optional feature 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, and in all regions.
[11] Miracast is a wireless technology your PC can use to project your screen to TVs, projectors, and streaming media players that also support Miracast. You can use Miracast to share what you're doing on your PC and present a slide show. For more information: http://windows.microsoft.com/en-us/windows-8/project-wireless-screen-miracast.
[12] Intel WiDi Pro support requires Intel vPro processor, Intel Graphics, and Intel 2x2 ac WLAN.
[13] HD content required to view HD images.
[14] ePrint 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). Requires optional broadband module. Broadband use requires separately purchased service contract. Check with service provider for coverage and availability in your area. Separately purchased data plans or usage fees may apply. Print times and connection speeds may vary.
[15] HP Mobile Connect Pro is only available on preconfigured devices with WWAN. For geographic availability refer to www.hp.com/go/mobileconnect.
[16] HP Client Security requires Windows.
[17] HP 3D DriveGuard requires Windows.
[18] HP Support Assistant requires Windows.
[19] BIOSphere features may vary. Available only on business PCs with HP BIOS.
[20] This product ships with TPM 1.2 with option to upgrade to TPM 2.0. Upgrade utility is expected to be available by the second half of 2016 via HP Customer Support.
[21] External power supplies, power cords, cables and peripherals are not low halogen. Service parts obtained after purchase may not be low halogen.
[22] HP Image Assistant is available download at: http://www.hp.com/go/clientmanagement.
[23] Available for China with touch only.
[24] 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.

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