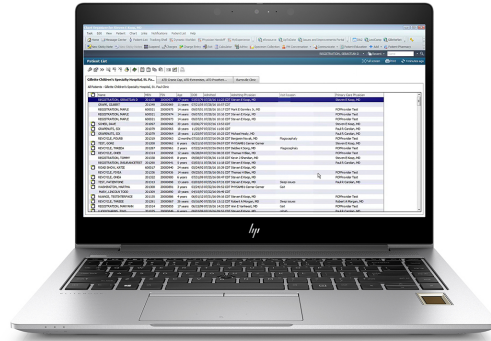# HP EliteBook 840 G6 Healthcare Edition Notebook PC

Safer, smarter, and secured for healthcare

Deploy a mobile powerhouse built to your security, collaboration, and workflow efficiency requirements with the HP EliteBook 840 G6 Healthcare Edition Notebook. It's ready for your infrastructure, can be sanitized, and minimizes TCO with optional, built-in telemedicine and authentication.[1,2,3]

HP recommends Windows 10 Pro.

Promote patient safety

- Support your infection control initiatives with a system that can be sanitized every shift, every day[2] and is bed bug treatable[4]. It's also certified to meet EN/IEC 60601-1-2 technical standards for safety near patients and medical devices.

Simplify tasks with a smart design

- Streamline clinical tasks with telemedicine features and optional integrated dual-band RFID reader[3] and FIPS-201 compliant fingerprint reader[3] for single sign-on. Asset management is easy with optional integrated real-time location awareness.[3]

Security where it matters most

- Shield your system against potential data and visual hacking with the full HP security software suite, a webcam shutter, HP Sure View Gen2 privacy screen, and built-in biometric authentication features.

- Be productive in any situation and power through your day with Windows 10 Pro and powerful security, collaboration, and connectivity features from HP.

- Keep productivity moving with the latest Intel® Core™ processors and optional Intel® vPro™. Conquer signal loss issues in clinical settings with improved WLAN.

- Get back to patients fast with the HP Easy Clean app, which disables the touchscreen, keyboard, and clickpad so you can sanitize the system while it's on.

- Protect against visual hacking with HP Sure View Gen2. Launch the integrated privacy screen at the touch of a button to make your screen unreadable to everyone but you. Deter remote visual hacking with the webcam privacy shutter.

- Support telemedicine with a Skype for Business certified system. HP is also a Vidyo Partner Elite, which ensures the HP EliteBook 840 G6 Healthcare Edition Notebook pairs optimally with Vidyo solutions.

- Maximize your deployments and track and analyze where your notebooks are used with our first ultra-slim notebook for healthcare with integrated real-time location awareness supporting your WiFi® or RFID environment solutions.

- Save time electronically prescribing medications with the optional FIPS 201-compliant fingerprint reader, or logging in with the IR camera and Windows Hello, which enable you to use your face as your password.

- Firmware attacks can completely devastate your PC. Stay protected with HP Sure Start Gen5, the self-healing BIOS that automatically recovers itself from attacks or corruption.

- To get control of your PC, attackers first need to take down its defenses. Keep critical security protections up and running with HP Sure Run Gen2.

- Help protect your PC from websites, read-only Microsoft Office and Adobe® PDF attachments, malware, ransomware, and viruses with hardware-enforced security from HP Sure Click.

- Advanced malware attacks can destroy your OS and disrupt your business. HP Sure Recover ensures fast, secure, and automated recovery of your OS with only a network connection, so you can minimize downtime and get back to business fast.

- Trust a notebook that passes HP's Total Test Process and undergoes MIL-STD 810G testing.

HP EliteBook 840 G6 Healthcare Edition Notebook PC Specifications Table

Available Operating Systems	Windows 10 Pro 64[1] Windows 10 Home 64 – HP recommends Windows 10 Pro.[1] Windows 10 Home Single Language 64[1] Windows 10 Pro (Windows 10 Enterprise available with a Volume Licensing Agreement)[1] FreeDOS
Processor family[5]	8th Generation Intel® Core™ i7 processor (i7-8565U); 8th Generation Intel® Core™ i5 processor (i5-8265U); 8th Generation Intel® Core™ i7 processor (i7-8665U); 8th Generation Intel® Core™ i5 processor (i5-8365U)
Available Processors[3,4,5]	Intel® Core™ i7-8565U with Intel® UHD Graphics 620 (1.8 GHz base frequency, up to 4.6 GHz with Intel® Turbo Boost Technology, 8 MB L3 cache, 4 cores); Intel® Core™ i5-8265U with Intel® UHD Graphics 620 (1.6 GHz base frequency, up to 3.9 GHz with Intel® Turbo Boost Technology, 6 MB L3 cache, 4 cores); Intel® Core™ i7 8665U processor with Intel® UHD Graphics 620 (1.8 GHz base frequency, up to 4.8 GHz with Intel® Turbo Boost Technology, 8 MB L3 cache, 4 cores); Intel® Core™ i5 8365U processor with Intel® UHD Graphics 620 Graphics (1.6 GHz base frequency, up to 4.1 GHz with Intel® Turbo Boost Technology, 6 MB L3 cache, 4 cores)
Brightness	700 nits
Maximum memory	32 GB DDR4-2400 SDRAM [6] Transfer rates up to 2400 MT/s. Both slots are customer accessible/upgradeable. Supports dual channel memory.
Memory slots	2 SODIMM
Internal storage	256 GB up to 1 TB PCIe® NVMe™ M.2 SSD[7] up to 512 GB PCIe® M.2 SSD[7] up to 512 GB M.2 SATA FIPS 140-2 SSD[7] up to 512 GB PCIe® NVMe™ M.2 SED SSD[7] up to 256 GB M.2 SATA SED SSD[7] up to 128 GB M.2 SATA SSD[7]
Display	HP Sure View Integrated Privacy Screen 35.6 cm (14") diagonal FHD IPS WLED-backlit ultraslim touch screen with Corning® Gorilla® Glass 3, 700 nits, 72% NTSC (1920 x 1080) [14,16,17]
Available Graphics	Integrated: Intel® UHD Graphics 620[14] Discrete: AMD Radeon™ RX 550 (up to 2 GB GDDR5 of dedicated video memory)[12,15] (Support HD Decode, DX12, HDMI 1.4b and HDCP 2.2.)
Audio	Bang & Olufsen, dual stereo speakers, 3 multi array microphone
Wireless technologies	Intel® Dual Band Wireless-AC 9560 802.11a/b/g/n/ac (2x2) Wi-Fi® and Bluetooth® 5 Combo, vPro™; Intel® Dual Band Wireless-AC 9560 802.11a/b/g/n/ac (2x2) Wi-Fi® and Bluetooth® 5 Combo, non-vPro™; Intel® XMM™ 7360 LTE-Advanced Cat 9; Intel® XMM™ 7560 LTE-Advanced Pro Cat 16; Intel® XMM™ 7262 LTE-Advanced Cat 6; Intel® AX200 Wi-Fi 6 (2x2) and Bluetooth® 5 Combo, vPro™; Intel® AX200 Wi-Fi 6 (2x2) and Bluetooth® 5 Combo, non-vPro™ [8,9,10,11,12]
Expansion slots	1 smart card reader
Ports and Connectors	2 USB 3.1 Gen 1 (1 charging); 1 Thunderbolt™ (USB Type-C™ connector); 1 RJ-45; 1 HDMI 1.4b; 1 headphone/microphone combo; 1 docking connector; 1 AC power (Cables are not included.)
Input devices	HP Premium Collaboration Keyboard, full-size, spill-resistant, backlit and DuraKeys; Clickpad with multi-touch gesture support, taps enabled as default; Precision Touchpad with multi-touch gesture support; Ambient light sensor
Communications	HP Module with NXP NFC Controller NPC300 I2C NCI; Intel® I219-LM GbE, vPro™; Intel® I219-V GbE, non-vPro™; Ritani RFIdeas HF/LF RFID Read SE Module without SE Security Access Module (SE SAM); Ritani RFIdeas HF/LF RFID Read SE Module with SE Security Access Module (SE SAM) [13];
Camera	HD camera; IR Camera [12,14]
Available Software	HP Connection Optimizer; HP Hotkey Support; HP Image Assistant; HP JumpStart; HP Noise Cancellation Software; HP Support Assistant; Native Miracast support; HP Easy Clean; Buy Office (Sold separately) [11,18]
Security management	Absolute persistence module; HP DriveLock and Automatic DriveLock; HP Fingerprint Sensor; 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; Windows Defender; HP Sure Start Gen5; HP Sure Run Gen2; HP Sure Recover Gen2; HP BIOSphere Gen5; HP Client Security Gen5; HP Sure Sense[21,22,23,24,25,26,27,28,29,30,31,32,33]
Management features	HP Driver Packs; HP System Software Manager (SSM); HP BIOS Config Utility (BCU); HP Client Catalog; HP Manageability Integration Kit Gen3[19,20]
Power	HP Smart 65 W External AC power adapter; HP Smart 65 W USB Type-C™ adapter[35,36]
Battery type	HP Long Life 3-cell, 50 Wh Li-ion polymer [35]
Battery life	Up to 11 hours 30 minutes[34]
Dimensions	32.6 x 23.43 x 1.91 cm
Weight	Starting at 1.62 kg (Weight will vary by configuration.)
Energy efficiency compliance	ENERGY STAR® certified; EPEAT® 2019 Gold[38]
Environmental specifications	Low halogen; TCO 8.0 Certified[39]
Warranty	3 year limited parts, labor (3-3-0) warranty. Certain restrictions and exclusions apply.

HP EliteBook 840 G6 Healthcare Edition Notebook PC

Accessories and services (not included)

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. HP's best-in-class, packed with features, functionality and premiere design for the most discerning business professional HP's extensive range of notebook PCs enable increased productivity and efficiency, by providing the perfect combination of built-in mobility features to match the particular needs of individuals from businesses large and small.
Product number: 1JR31AA

HP Exec 15.6 Midnight Top Load

Keep your bag's contents safe during your daily commute with the HP Executive 15.6 Midnight Top Load in a new stylish midnight black material, which has a lockable[1], double-teeth zippered notebook compartment, secure RFID pocket to safeguard your ID, and a discrete pocket for an optional tracking device.[2] Keep everything in your bag safe during your daily commute with the HP Executive 15.6 Midnight Top Load in a new stylish midnight black. HP's extensive range of notebook PCs enable increased productivity and efficiency, by providing the perfect combination of built-in mobility features to match the particular needs of individuals from businesses large and small.
Product number: 1KM15AA

HP Thunderbolt Dock 120W G2

Reinvent docking and boost productivity with our most versatile Thunderbolt™ dock, the small, sophisticated HP Thunderbolt Dock G2. Designed for workspace flexibility and network manageability[1], it delivers USB-C™[2] device connectivity and optional integrated audio.[3] HP's best-in-class, packed with features, functionality and premiere design for the most discerning business professional HP's extensive range of notebook PCs enable increased productivity and efficiency, by providing the perfect combination of built-in mobility features to match the particular needs of individuals from businesses large and small.
Product number: 2UK37AA

HP Keyed Cable Lock 10 mm

Help keep your notebook safe in the office and high-traffic areas by tethering it to a secure surface with the HP Master Keyed Cable Lock 10mm, designed specifically for ultra-thin profile notebooks. Help keep your notebook safe in the office and high-traffic areas by tethering it to a secure surface with the HP Master Keyed Cable Lock 10mm, designed specifically for ultra-thin profile notebooks. HP's extensive range of notebook PCs enable increased productivity and efficiency, by providing the perfect combination of built-in mobility features to match the particular needs of individuals from businesses large and small.
Product number: T1A62AA

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

HP EliteBook 840 G6 Healthcare Edition Notebook PC

Messaging Footnotes

[1] Safer and smarter based on HP Healthcare Edition products compared to other HP products as of June 2019 based on ability to be cleaned with sanitizing agents listed in the user guide and EN 60601-1-2:2015 testing.
[2] See user guide for cleaning instructions. The HP EliteBook 840 G6 Healthcare Edition Notebook is not intended for use in diagnosis, cure, treatment or prevention of disease or other medical conditions.
[3] Sold separately as a configurable option.
[4] Tested with Nuvan ProStrip.
[5] 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.
[6] 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, branding and/or naming is not a measurement of higher performance.
[7] Some functionality of this technology, 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.
[8] Compared to predecessor.
[9] HP Easy Clean requires Windows 10 RS3 and will disable the keyboard, touchscreen, and clickpad only. Ports are not disabled. See user guide for cleaning instructions.
[10] Requires Windows 10.
[12] See product specifications for availability.
[13] HP Sure Start Gen5 is available on select HP PCs with Intel processors. See product specifications for availability.
[14] HP Sure Click is available on select HP platforms and supports Microsoft® Internet Explorer, Google Chrome™, and Chromium™. Supported attachments include Microsoft Office (Word, Excel, PowerPoint) and PDF files in read-only mode, when Microsoft Office or Adobe Acrobat are installed.
[15] See product specifications for availability. Requires an open, wired network connection. Not available on platforms with multiple internal storage drives. You must back up important files, data, photos, videos, etc. before using HP Sure Recover to avoid loss of data. HP Sure Recover (Gen1) does not support platforms with Intel® Optane™.
[18] HP Total Test Process testing is not a guarantee of future performance under these test conditions. Any accidental damage requires an optional HP Accidental Damage Protection Care Pack.
[19] MIL-STD testing is pending and 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. Any accidental damage requires an optional HP Accidental Damage Protection Care Pack.

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/.
[3] 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.
[4] Processor speed denotes maximum performance mode; processors will run at lower speeds in battery optimization mode.
[5] 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.
[6] 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.
[7] 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.
[8] WWAN module is optional, must be configured at the factory 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.
[9] 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.
[10] Gigabit class 4G LTE module is optional and must be configured at the factory. The full utilization of this module's Gigabit functionality is dependent on network providers' technical ability to support this network and speed. Backwards compatible to HSPA 3G technologies. Module requires activation and separately purchased service contract. Check with service provider for coverage and availability in your area. Connection, upload and download speeds will vary due to network, location, environment, network conditions, and other factors. 4G LTE not available on all products, in all regions.
[11] Miracast is a wireless technology your PC can use to project your screen to TVs, projectors, and streaming.
[12] Sold separately or as an optional feature.
[13] SE Security Access Module (SE SAM) is a separate hardware SIM inserted into the RFID reader and is required to support SE, SEOS, and iClass credentials for reading HID/iClass card types.
[14] HD content required to view HD images.
[15] AMD Dynamic Switchable Graphics technology requires an Intel processor, plus an AMD Radeon™ discrete graphics configuration and is not available on FreeDOS and Linux OS. With AMD Dynamic Switchable Graphics technology, full enablement of all discrete graphics video and display features may not be supported on all systems (e.g. OpenGL applications will run on the integrated GPU or the APU as the case may be).
[16] Resolutions are dependent upon monitor capability, and resolution and color depth settings.
[17] HP Sure View integrated privacy screen is an optional feature that must be configured at purchase. It is only available on non-touch models and is designed to function in landscape orientation.
[18] HP Support Assistant requires Windows and Internet access.
[19] HP Driver Packs not preinstalled, however available for download at http://www.hp.com/go/clientmanagement.
[20] HP Manageability Integration Kit can be downloaded from http://www.hp.com/go/clientmanagement.
[21] 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.
[23] HP Fingerprint Sensor sold separately or as an optional feature.
[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. Hardware TPM is v1.2, which is a subset of the TPM 2.0 specification version v0.89 as implemented by Intel Platform Trust Technology (PTT). TPM is version 2.0. Hardware TPM is v1.2, which is a subset of the TPM 2.0 specification version v0.89 as implemented by Intel Platform Trust Technology (PTT).
[26] HP Sure Click is available on select HP platforms and supports Microsoft Internet Explorer, Google Chrome™, and Chromium™. Supported attachments include Microsoft Office (Word, Excel, PowerPoint) and PDF files in read only mode, when Microsoft Office or Adobe Acrobat are installed.
[27] Windows Defender Opt in and internet connection required for updates.
[28] HP Sure Start Gen5 is available on select HP PCs with Intel processors. See product specifications for availability.
[29] HP Sure Run Gen2: See product specifications for availability.
[30] HP Sure Recover Gen2: See product specifications for availability. Requires an open, wired network connection. Not available on platforms with multiple internal storage drives. You must back up important files, data, photos, videos, etc. before using HP Sure Recover to avoid loss of data. HP Sure Recover (Gen1) does not support platforms with Intel® Optane™.
[31] HP BIOSphere Gen5 is available on select HP Pro and Elite PCs. See product specifications for details. Features may vary depending on the platform and configurations.
[32] HP Client Security Manager Gen5 requires Windows and is available on the select HP Pro and Elite PCs. See product specifications for details.
[33] HP Sure Sense requires Windows 10. See product specifications for availability.
[34] 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.
[35] Recharges the 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.
[36] Availability may vary by country.
[37] 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.
[38] Based on US EPEAT® registration according to IEEE 1680.1-2018 EPEAT®. Status varies by country. Visit www.epeat.net for more information.
[39] External power supplies, power cords, cables and peripherals are not Low Halogen. Service parts obtained after purchase may not be Low Halogen.

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