



HP EliteBook 840 G4 Notebook PC Data Sheet

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HP EliteBook 840 G4 Notebook PC Data Sheet



INSTALLATION

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.

Security inside and out

Get end-to-end protection from HP's most secure and manageable PCs. The optional HP Sure View integrated privacy screen² keeps visual hackers in the dark with the touch of a button while HP Sure Start Gen3³ protects against BIOS attacks.

High performance, high portability

Speed up demanding business applications and data. Combine high-performance and long battery life with 7th Gen Intel® Core™ processors⁴, and PCIe Gen3 solid state drives⁵. Amplify performance with up to 32 GB of DDR4 memory and dual storage options⁵.

Thin design, no adapters needed

Give portability a whole new meaning with an ultrathin design that doesn't cut corners. Starting at an incredible 18.9mm, the HP EliteBook 840 includes several full-size ports like 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 webcam⁵.

- Power through your day with Windows 10 Pro¹ and the powerful, sleek, thin, and light HP EliteBook 840.
- HP Sure Start Gen3³ 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 Kit⁶ 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 charging⁷ with an HP fast-charging battery.
- HP Audio Boost balances loudness and clarity and enhances bass for improved speech quality.

- Optimize your storage with latest high-performing storage options from HP5.

HP EliteBook 840 G4 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**

- 7th Generation Intel® Core™ i7 processor; 7th Generation Intel® Core™ i5 processor; 7th Generation Intel® Core™ i3 processor

- **Available Processors**

- 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)9,21

- **Chipset**

- Chipset is integrated with the processor

- **Maximum Memory**

- 32 GB DDR4-2133 SDRAM

- **Memory Slots**

- 2 SODIMM

- **Internal Storage**

- 1 TB SATA (5400 rpm) 11
- 500 GB SATA (7200 rpm) 11
- 500 GB SATA SED (7200 rpm) 11
- 500 GB SATA FIPS 140-2 SED (7200 rpm) 11
- 500 GB (8 GB cache) SATA SSHD 11
- 128 GB M.2 SATA SSD 11
- 512 GB M.2 PCIe Gen 3x4 TLC SSD 11
- 512 GB M.2 PCIe Gen 3x4 MLC SSD 11

- **Display**

- 14" diagonal HD SVA anti-glare slim LED-backlit (1366 x 768); 14" diagonal HD SVA anti-glare slim LED-backlit with a camera (1366 x 768); 14" diagonal FHD SVA anti-glare slim LED-backlit (1920 x 1080); 14" diagonal FHD SVA anti-glare slim LED-backlit with a camera (1920 x 1080);
- 14" diagonal QHD UWVA anti-glare ultra slim LED-backlit with camera (2560 x 1440); 14" diagonal FHD

SVA slim with a camera, Corning® Gorilla® Glass 4 LED-backlit touch screen (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)

- **Available Graphics**

- Integrated: Intel® HD Graphics 6206

- **Wireless Technologies**

- HP It4120 Qualcomm® Snapdragon™ X5 LTE Mobile Broadband Module; Near Field Communication (NFC) module; HP hs3210 WW HSPA+ Mobile Broadband; Intel® Dual Band Wireless-AC 3168 802.11 a/b/g/n/ac (1×1) Wi-Fi® and Bluetooth® 4.2 Combo (non-vPro™); Intel® Dual Band Wireless-AC 8265 802.11 a/b/g/n/ac (2×2) Wi-Fi® and Bluetooth® 4.2 Combo (vPro™ and non-vPro™) 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)

- **Camera**

- 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 12,14,15

- **Security Management**

- HP Client Security; Security lock slot (lock must be purchased separately); HP Password Manager; HP Secure Erase; Integrated smart card reader (active); Absolute Persistence Module; Preboot Authentication; TPM 2.0; Fingerprint reader (select models); HP BIOSphere with HP Sure Start Gen 3; HP Device Access Manager 8,10,19,20,24

- **Management Features**

- HP Driver Packs; HP SoftPaq Download Manager (SDM) preinstalled; HP System Software Manager (SSM); HP BIOS Config Utility (BCU); HP Client Catalog; HP MIK for Microsoft SCCM; LANDESK Management 16,17

- **Power**

- 45 W Smart AC adapter (not available for China and India); 45 W Smart AC adapter 2-prong (Japan only); 65 W Smart AC adapter (not available for China and India); 65 W EM Smart AC adapter (China and India only)
- HP Long Life 3-cell, 51 Wh Li-ion Up to 15 hours and 15 minutes²²

- **Dimensions**

- 13.3 x 9.3 x 0.74 in 33.8 x 23.7 x 1.89 cm

- (Height varies depending upon where on the notebook the measurement is made.)

- **Weight**

- Starting at 3.27 lb
- Starting at 1.48 kg

(Weight varies by configuration and components)

- **Energy Efficiency Compliance**

- ENERGY STAR® certified configurations available

- **Warranty**

Limited 3-year or 1-year limited warranty options are available, depending on the 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. 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 the Customer at the time of purchase. Customers 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.

HP EliteBook 840 G4 Notebook PC

Accessories and services (not included)



- **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 65W Slim AC Adapter**

Be productive with the HP Slim 65W Combo Adapter, which can power your HP Business Notebook or Ultrabook™.

Product number: H6Y82AA



- **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 simply dedicated keys¹. Product number: K8P74AA

- **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, a secure RFID pocket to safeguard your ID, and a discrete pocket for an optional tracking device.¹

Product number: P6N18AA

- **HP Hot Desk Stand**

Redefine workspace design with the HP Hot Desk Stand, a ready-to-go touchdown station that supports a monitor and plug-and-play dock, enhances productivity and provides a clean and comfortable workspace for your mobile and flexible workforce at an affordable price.

Product number: W3Z73AA

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- **HP Hot Desk 2nd Monitor Arm**

Be even more efficient when you add a second display up to 32" diagonal to your HP Hot Desk solution with the HP Hot Desk 2nd Monitor Arm.

Product number: W3Z74AA

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. HP Sure View integrated privacy screen is an optional feature planned to be available first quarter of 2017 and must be configured at purchase.
3. Available on HP EliteBook and HP EliteDesk products equipped with Intel® and AMD 7th generation processors/APUs.
4. Multi-Core is designed to improve the 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 the 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 HP Manageability Integration Kit can be downloaded from <http://www8.hp.com/us/en/ads/clientmanagement/overview.html>.
- 7 Recharges your battery up to 50% within 30 minutes when the system is off or in standby mode. A 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 by +/-10% due to System tolerance.

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. 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. The availability of public wireless access points is limited.
5. The WWAN module is optional and requires a separately purchased service contract. Check with the 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 is required to view HD images.
7. Internet access is required.
8. Available only on business PCs with HP BIOS.
9. vPro™ is not available on Intel i3-7100U, 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).
15. Skype is not offered in China.
16. HP MIK is not preinstalled, coming soon at <http://www.hp.com/go/clientmanagement>
17. A LANDESK Management subscription is required.
18. NeoKylin Linux 64 is available for China only.
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 an internet connection are required for updates.
21. Multicore is designed to improve the 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 the 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 Sure View integrated privacy screen is planned to be available first quarter of 2017 and must be configured at purchase.

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