

HP EliteBook 820 G4 Notebook PC



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 Gen3² protects against BIOS attacks and easily manage devices through Microsoft SCCM with HP Manageability Integration Kit³.

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 memory⁵.

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 820 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 webcam⁶.

- Power through your day with Windows 10 Pro¹ and the powerful, sleek, thin, and light HP EliteBook 820.
- Start with a genuine HP BIOS every time. HP Sure Start Gen3² monitors in-memory BIOS, recovers the platform without user or admin 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 Kit³ 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 charging⁶ 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.
- HP WorkWise⁷ is office intelligence rolled into one smartphone app to provide PC security, real-time PC performance information, and simplified printer driver installation for HP PC users.

HP EliteBook 820 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™ i7-7600U 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) ^{9,21}
Chipset	Chipset is integrated with 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 ¹¹ 360 GB M.2 PCIe NVMe TLC SSD ¹¹ 512 GB M.2 PCIe Gen 3x4 MLC SSD ¹¹
Display	12.5" diagonal HD SVA anti-glare slim LED-backlit (1366 x 768); 12.5" diagonal HD SVA anti-glare slim LED-backlit with camera (1366 x 768); 12.5" diagonal FHD UWVA anti-glare ultra slim LED-backlit (1920 x 1080); 12.5" diagonal FHD UWVA anti-glare ultra slim LED-backlit with camera (1920 x 1080); 12.5" diagonal FHD UWVA ultra slim with camera, Corning® Gorilla® Glass 4 LED-backlit touch screen (1920 x 1080)
Available Graphics	Integrated: Intel® HD Graphics 620 ⁶
Wireless Technologies	HP i4120 Qualcomm® Snapdragon™ X5 LTE Mobile Broadband Module; 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)
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; HP Workwise; HP Velocity; HP Image Assistant ^{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}
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, 49 Wh Li-ion Up to 14 hours and 45 minutes ²²
Dimensions	12.2 x 8.6 x 0.74 in 31 x 21.89 x 1.89 cm (Height varies depending upon where on the notebook the measurement is made.)

Weight	Starting at 2.78 lb Starting at 1.26 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 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. 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.

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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 Ultra Mobile Wireless Mouse



Low-profile, long-life, and designed for comfort.

Here's the long-life wireless mouse that's so compact you can toss it in your carrying case without bulking out its profile, so power-smart it keeps up with your work day, and so comfortable you'll look for reasons to use it.

Product number: H6F25AA

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 simple dedicated keys¹.

Product number: K8P74AA

HP USB Travel Dock

Connect to your devices and network in a dongle-free environment with the sleek HP USB Travel Dock, which delivers a range of ports in a highly-portable size that goes where you go.

Product number: T0K30AA

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 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 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. 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 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 LANDESK Management subscription 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 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.

Sign up for updates
hp.com/go/getupdated

Learn more at
hp.com

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