

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 memory⁶.

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 webcam⁸.

- 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) <small>9,21,25</small> 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 .
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 ¹¹ 256 GB up to 512 GB M.2 PCIe Gen 3x4 NVMe SSD ¹¹ 256 GB M.2 SATA TLC SED SSD ¹¹ 512 GB M.2 SATA FIPS 140-2 TLC 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 lt4120 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 3D DriveGuard (Windows required); HP ePrint Driver + JetAdvantage; HP Hotkey Support; HP Recovery Manager; HP Support Assistant; HP Noise Cancellation; HP Velocity; For a complete list of preinstalled software, please refer to the quick spec document for this product. ¹⁴
Security Management	HP Device Access Manager; HP BIOSphere; HP Sure Start Gen3; Secure Erase; Absolute Persistence Module; HP Client Security Gen3; 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); HP System Software Manager (SSM); HP BIOS Config Utility (BCU); HP Client Catalog; HP Management Integration Kit for Microsoft System Center Configuration Manager; 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; EPEAT® Gold ²⁵
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.