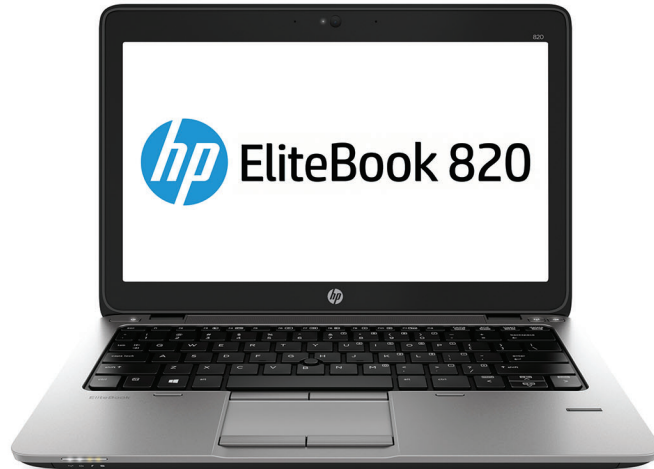# HP EliteBook 820 G2 Notebook PC

Now employees can hit the road with a travel-ready companion. The HP EliteBook 820 thin and light notebook is ultra-mobile in and out of the office. Work with confidence thanks to proven enterprise technologies, security, performance, and management features that will meet all your enterprise's needs.

HP recommends Windows.

- Windows 8.1[1]
- Screen Size: 12.5" diagonal

Portable powerhouse

- The HP EliteBook 820 is ideal for travel and use in enterprise environments. Stay productive with Windows 8.1[1] and powerful Future 5th Gen Intel® Core™ processors.[2]

Equipped for productivity and security

- Leave dongles behind with a built-in Ethernet port, VGA port, and DisplayPort for key connections to all your devices. Stay connected with co-workers and customers with optional Intel wireless LAN abgn or ac[12,13], Bluetooth® and optional Qualcomm® Gobi™ 4G LTE.[4]

Road ready

- Never fear bumps and minor drops. The thin, light, and stylish HP EliteBook 820 endures HP's Total Test Process and passes rigorous MIL-STD 810G testing.[5]
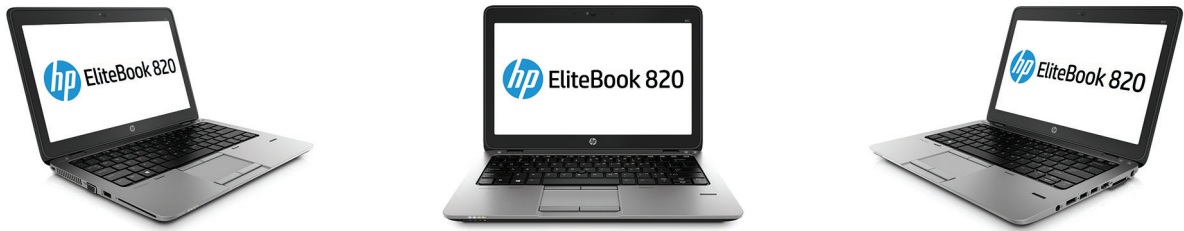
Solid security and manageability

- All the features IT expects including an expanded security portfolio and manageability tools to fulfill the needs for your business.

Featuring

- Enjoy the intuitive control of Windows 8.1[1] and impressive clarity of the optional FHD touchscreen[6] featuring tough Corning® Gorilla® Glass 3.
- The latest storage options, including PCIe SSD,[6] ensure optimum performance from your HP EliteBook.
- Enjoy easy integration with HP Touchpoint Manager,[7] HP Client Management Solutions,[8] and Intel® vPro™[9] technology.
- HP BIOSphere secures your notebook with customizable security.[10]
- HP Sure Start detects corruption and self-heals the BIOS.
- Stay productive throughout the day with the optional HP UltraSlim Docking Station.[6]
- Rest assured, with Elite Premium 24/7 phone support.[11]

HP recommends Windows.

HP EliteBook 820 G2 Notebook PC Specifications Table

Available Operating System	Windows 8.1 Pro 64 [1] Windows 8.1 64 [1] Windows 8.1 Pro for Education 64 [1] Windows 7 Professional 32 (available through downgrade rights from Windows 8.1 Pro 64) [2] Windows 7 Professional 64 (available through downgrade rights from Windows 8.1 Pro 64) [2] Windows 7 Professional 32 [1] Windows 7 Professional 64 [1] Ubuntu Linux FreeDOS 2.0
Processor Family [3]	Intel® Core™ i7 processor; Intel® Core™ i5 processor
Available Processors [3]	Intel® Core™ i7-5600U with Intel HD Graphics 5500 (2.6 GHz, up to 3.2 GHz with Intel Turbo Boost Technology, 4 MB cache, 2 cores); Intel® Core™ i7-5500U with Intel HD Graphics 5500 (2.4 GHz, up to 3 GHz with Intel Turbo Boost Technology, 4 MB cache, 2 cores); Intel® Core™ i5-5300U with Intel HD Graphics 5500 (2.3 GHz, up to 2.9 GHz with Intel Turbo Boost Technology, 3 MB cache, 2 cores); Intel® Core™ i5-5200U with Intel HD Graphics 5500 (2.2 GHz, up to 2.7 GHz with Intel Turbo Boost Technology, 3 MB cache, 2 cores)
Chipset	Chipset is integrated with processor
Maximum Memory	16 GB 1600 MHz DDR3L SDRAM [4] SODIMM slots are customer accessible/upgradeable; Supports dual channel memory
Memory Slots	2 SODIMM
Internal Storage	up to 500 GB SATA (7200 rpm) [5] up to 500 GB SATA FIPS 140-2 SED (5400 rpm) [5] 128 GB up to 512 GB SATA SSD [5] 180 GB up to 256 GB SATA SE SSD [5] up to 256 GB M.2 PCIe SSD [5]
Flash Cache	32 GB M.2 (optional with HDD configurations)
Display	12.5" diagonal HD SVA anti-glare flat LED-backlit (1366 x 768); 12.5" diagonal FHD UWVA ultra slim LED-backlit (1920 x 1080); 12.5" diagonal FHD UWVA ultra slim LED-backlit touch screen (1920 x 1080) [10]
Available Graphics	Integrated: Intel® HD Graphics 5500
Audio	HD audio with DTS Studio Sound™; Integrated dual-microphone array; 2 integrated stereo speakers
Wireless Technologies	HP lt4211 LTE/EV-DO/HSPA+ Qualcomm® Gobi™ 4G Mobile Broadband; HP lt4112 LTE/HSPA+ Qualcomm® Gobi™ 4G Mobile Broadband; HP hs3110 HSPA+ Mobile Broadband; Intel 802.11a/b/g/n/ac (2x2) and Bluetooth® 4.0 Combo; Intel 802.11a/b/g/n (2x2) and Bluetooth® 4.0; Intel 802.11a/b/g/n/ac (1x1) and Bluetooth® 4.0 Combo; Near Field Communication (NFC) module (optional) [6,7,8,9] (Support for Miracast (models with Windows 8.1 only))
Communications	Intel I218-LM GbE (10/100/1000 NIC)
Expansion Slots	1 multi-format digital media reader (supports SD, SDHC, SDXC)
Ports and Connectors	2 USB 3.0; 1 USB 3.0 charging; 1 DisplayPort 1.2; 1 VGA; 1 headphone/microphone combo; 1 AC power; 1 RJ-45; 1 docking connector
Input Device	Spill-resistant keyboard, optional backlit; 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)
Camera	720p HD webcam (select models) [10]
Available Software	HP BIOSphere with HP Sure Start; HP Touchpoint Manager; HP 3D Driveguard; HP Connection Manager (models with Windows 7); HP Wireless Hotspot; HP PageLift; HP Recovery Manager; HP Support Assistant; HP ePrint; Buy Office [11,12,13,14,15,16]
Security Management	Security lock slot (lock must be purchased separately); TPM 1.2/2.0 (Infineon, soldered down); Integrated smart card reader (active); Fingerprint reader (optional)
Power	45 W Smart AC adapter HP Long Life 3-cell, 46 WHr Li-ion polymer
Dimensions	12.2 x 8.48 x 0.83 in 31 x 21.5 x 2.1 cm

Weight	Starting at 2.94 lb (non-touch); Starting at 3.48 lb (touch) Starting at 1.34 kg (non-touch); Starting at 1.58 kg (touch) (Weight will vary by configuration.)
Environmental	Low halogen [17]
Energy Efficiency Compliance	ENERGY STAR® certified configurations available
Expansion Solutions	2013 UltraSlim Docking Station
Warranty	Limited 3-year and 1-year warranty options available, depending on country. Batteries have a default one year limited warranty except for Long Life batteries which will have same 1-year or 3-year limited warranty as the platform. Optional HP Care Pack Services are available to extend your protection beyond the standard limited warranty. For more details visit: hp.com/go/cpc.