

HP EliteBook 820 G2 Notebook PC



Savvy traveler

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.



- Windows 8.1¹
- Screen Size: 31,75 cm (12.5") diagonal

Portable powerhouse

- The HP EliteBook 820 with a starting weight of less than 1,36 kg/3 lbs is ideal for travel and use in enterprise environments. Stay productive with Windows 8.1¹ and powerful 5th Gen Intel® Core™ processors.²

Equipped for productivity

- Leave dongles behind with a drop-jaw Ethernet port, VGA port, and DisplayPort for key connections to all your devices. Stay connected with co-workers and customers with HP Connection Manager³ and optional Qualcomm® Gobi™ 4G LTE.⁴

Road ready

- Never fear bumps and minor spills. 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 8.1¹ and impressive clarity of the optional FHD touchscreen⁶ 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 keeps mission-critical data and systems protected 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

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Specifications Table



Available Operating System	Windows 10 Pro 64 ¹ Windows 10 Home 64 ¹ Windows 8.1 Pro 64 ¹ Windows 8.1 64 ¹ Windows 7 Professional 64 (available through downgrade rights from Windows 10 Pro) ² Windows 7 Professional 32 (available through downgrade rights from Windows 10 Pro) ² Windows 7 Professional 64 (available through downgrade rights from Windows 8.1 Pro) ¹⁹ Windows 7 Professional 32 (available through downgrade rights from Windows 8.1 Pro) ¹⁹ Windows 7 Professional 64 ¹ Windows 7 Professional 32 ¹ Ubuntu Linux FreeDOS 2.0
Processor Family³	Intel® Core™ i7 processor; Intel® Core™ i5 processor; Intel® Core™ i3 processor
Available Processors³	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); Intel® Core™ i3-5010U with Intel HD Graphics 5500 (2.1 GHz, 3 MB cache, 2 cores)
Chipset	Chipset is integrated with processor
Maximum Memory	Up to 16 GB DDR3L-1600 SDRAM ⁴ Standard memory note: SODIMM slots are customer accessible/upgradeable; Supports dual channel memory
Memory Slots	2 SODIMM
Internal Storage	320 GB up to 500 GB SATA (7200 rpm) ⁵ up to 500 GB SATA SED (7200 rpm) ⁵ up to 1 TB SATA (5400 rpm) ⁵ 120 GB up to 256 GB M.2 SSD 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)
Display	31,75 cm (12.5") diagonal HD SVA anti-glare flat LED-backlit (1366 x 768); 31,75 cm (12.5") diagonal FHD UWVA ultra slim LED-backlit (1920 x 1080); 31,75 cm (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 i4112 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 with drain; 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)
Webcam	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 Mobile Connect; 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, 26 Whr Li-ion polymer; HP Long Life 3-cell, 46 Whr Li-ion polymer
Dimensions	31 x 21.5 x 2.1 cm
Weight	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	Support for Miracast
Warranty	3-year limited warranty (optional Care Packs available, sold separately), 3-year limited warranty on HP Long Life Battery (available only with the 3-year limited platform warranty)

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Accessories and services (not included)

HP 2013 UltraSlim Docking Station



Quickly and easily expand your display, network, and device connectivity to customize an always-ready workspace with the HP 2013 UltraSlim Docking Station, a simple one-click, slide-in side dock for select ultraslim HP EliteBook Notebook PCs.

Product number: D9Y32AA

HP Comfort Grip Wireless Mouse



The HP Comfort Grip Wireless Mouse features a 30-month battery life and a bold, modern design that integrates seamlessly with HP Business Notebooks.

Product number: H2L63AA

HP UltralSlim Keyed Cable Lock



Secure your HP Ultrabook™ or laptop PC quickly and easily with the HP UltralSlim Keyed Cable Lock.

Product number: H4D73AA

HP Professional Slim Top Load Case



HP Professional Slim Top Load Case lets you store folders and other documents, and features storage areas for business cards, PDAs, cell phones, pens, an AC adapter and any additional items needed for a long stay away from the office or home. Designed for ultra-mobile professionals who are on the road frequently and for long periods of time.

Product number: H4J91AA

HP 65W Smart Travel AC Adapter



AC power adapters from HP power your notebook and charge the internal battery simultaneously. These adapters provide you with the ability to power your notebook when away from the office or on the road. The HP 65W Slim Travel Adapter is perfect for international travelers or "road warriors" who are always on the go. The adapter is 40% thinner than the standard 65W adapter and includes a convenient USB port for charging other accessories while you work. Four international adapter plugs help make sure your Slim Travel Adapter works wherever you do. A stylish protective carrying case keeps everything together.

Product number: JOE43AA

3-year Next Business Day Onsite



Receive 3 years of next business day onsite repair from an HP-qualified technician for your computing device, if the issue cannot be solved remotely

Product number: U4414E

Learn more at
www.hp.eu/hpoptions

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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. See <http://www.microsoft.com>.
- ² 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. 64-bit computing system required. Performance will vary depending on your hardware and software configurations. Intel's numbering is not a measurement of higher performance.
- ³ HP Connection Manager available on Windows 7 only.
- ⁴ Built in Qualcomm® Gobi® modules available in select HP products and require wireless data service contract, network support, and is not available in all areas. Contact service provider to determine the coverage area and availability. 4G LTE not available in all regions. Connection speeds will vary due to location, environment, network conditions, and other factors.
- ⁵ MIL STD 810G testing 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.
- ⁶ Sold separately or as an optional feature.
- ⁷ HP Touchpoint Manager supports Android™, iOS and Windows operating systems and PCs, notebooks, tablets and smartphones from various manufacturers. Some features require a subscription. Not available in all countries see www.hp.com/touchpoint for availability information. Touchpoint Manager require purchase of a subscription.
- ⁸ Requires Microsoft Windows Operating System.
- ⁹ 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. HP BIOSphere features may vary depending on the PC platform & configuration.
- ¹⁰ HP BIOSphere features may vary depending on the PC platform & configuration.

Technical specifications disclaimers

- 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.microsoft.com>.
- ² This system is preinstalled with Windows 7 Professional software and also comes with a license and media for Windows 10 Pro software. You may only use one version of the Windows software at a time. Switching between versions will require you to uninstall one version and install the other version. You must back up all data (files, photos, etc.) before uninstalling and installing operating systems to avoid loss of your data.
- ³ 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. 64-bit computing system required. Performance will vary depending on your hardware and software configurations. Intel's numbering is not a measurement of higher performance.
- ⁴ Maximum memory capacities assume Windows 64-bit operating systems or Linux. With Windows 32-bit operating systems, memory above 3 GB may not all be available due to system resource requirements.
- ⁵ For storage drives, GB = 1 billion bytes. TB = 1 trillion bytes. Actual formatted capacity is less. Up to 30 GB (for Windows 8.1/10) is reserved for system recovery software.
- ⁶ 802.11 wireless is an optional add-on feature and requires wireless access point and Internet service is required and is not included. Availability of public wireless access points limited.
- ⁷ 4G LTE module is optional and require 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.
- ⁸ Miracast is a wireless technology your PC can use to project your screen to TVs, projectors, and streaming media players that also support Miracast. You can use Miracast to share what you're doing on your PC and present a slide show. For more information: <http://windows.microsoft.com/en-us/windows-8/project-wireless-screen-miracast>
- ⁹ NFC is an optional feature.
- ¹⁰ HD content required to view HD images.
- ¹¹ Not available in all countries see www.hp.com/touchpoint for availability information. Some Touchpoint Manager features require purchase of a subscription.
- ¹² HP 3D Drive Guard requires Windows.
- ¹³ The HP Wireless Hotspot application requires an active internet connection and separately purchased data plan. While HP wireless hotspot is active, on-device applications will continue to work and will use the same data plan as the wireless hotspot. Wireless hotspot data usage may incur additional charges. Check with your service provider for plan details. Requires Windows 8.1 or HP Connection Manager for Windows 7.
- ¹⁴ HP Mobile Connect service requires a compatible CDMA or HSPA mobile broadband module and prepaid service purchase. Find coverage and availability for your service area at hp.com/go/mobileconnect
- ¹⁵ HP PageLift requires Windows 7 or higher.
- ¹⁶ HP ePrint 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/businessmobileprinting)
- ¹⁷ External power supplies, power cords, cables and peripherals are not low halogen. Service parts obtained after purchase may not be low halogen.
- ¹⁹ This system is preinstalled with Windows 7 Professional software and also comes with a license and media for Windows 8.1 Pro software. You may only use one version of the Windows software at a time. Switching between versions will require you to uninstall one version and install the other version. You must back up all data (files, photos, etc.) before uninstalling and installing operating systems to avoid loss of your data.

Learn more at
www.hp.eu/notebooks

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