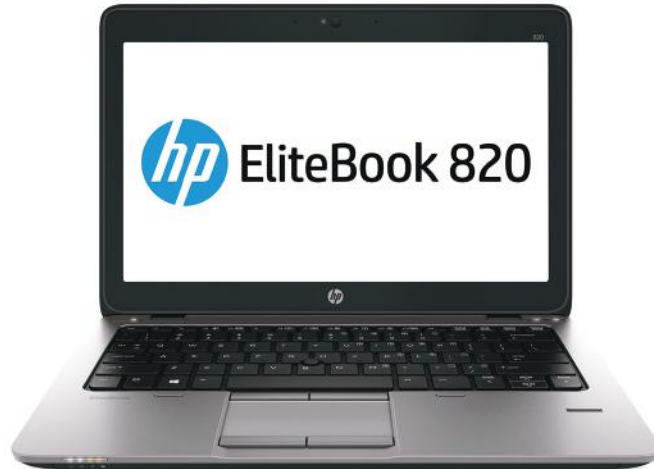


# HP EliteBook 820 G2 Notebook PC



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<sup>1</sup>
- 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<sup>1</sup> and powerful Future 5th Gen Intel® Core™ processors.<sup>2</sup>

## 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<sup>12,13</sup>, Bluetooth® and optional Qualcomm® Gobi™ 4G LTE.<sup>4</sup>

## 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.<sup>5</sup>

## Solid security and manageability

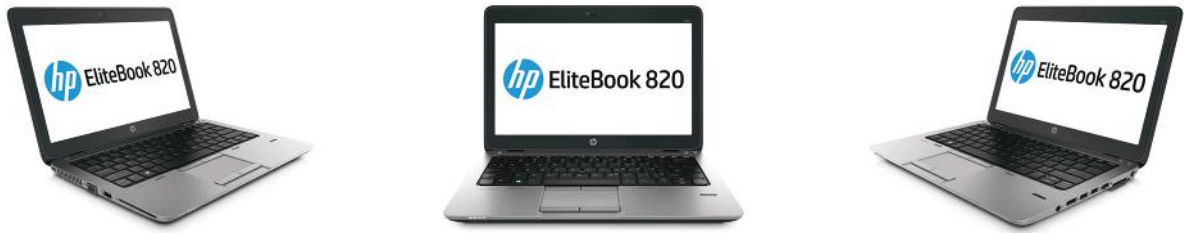
- All the features IT expects including an expanded security portfolio and manageability tools to fulfill the needs for your business.

## Featuring

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



## HP EliteBook 820 G2 Notebook PC Specifications Table



<b>Available Operating System</b>	Windows 8.1 Pro 64 <sup>1</sup> Windows 8.1 64 <sup>1</sup> Windows 8.1 Pro for Education 64 <sup>1</sup> Windows 7 Professional 32 (available through downgrade rights from Windows 8.1 Pro 64) <sup>2</sup> Windows 7 Professional 64 (available through downgrade rights from Windows 8.1 Pro 64) <sup>2</sup> Windows 7 Professional 32 <sup>1</sup> Windows 7 Professional 64 <sup>1</sup> Ubuntu Linux FreeDOS 2.0
<b>Processor Family</b> <sup>3</sup>	Intel® Core™ i7 processor; Intel® Core™ i5 processor
<b>Available Processors</b> <sup>3</sup>	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)
<b>Chipset</b>	Chipset is integrated with processor
<b>Maximum Memory</b>	16 GB 1600 MHz DDR3L SDRAM <sup>4</sup> SODIMM slots are customer accessible/upgradeable; Supports dual channel memory
<b>Memory Slots</b>	2 SODIMM
<b>Internal Storage</b>	up to 500 GB SATA (7200 rpm) <sup>5</sup> up to 500 GB SATA FIPS 140-2 SED (5400 rpm) <sup>5</sup> 128 GB up to 512 GB SATA SSD <sup>5</sup> 180 GB up to 256 GB SATA SE SSD <sup>5</sup> up to 256 GB M.2 PCIe SSD <sup>5</sup>
<b>Flash Cache</b>	32 GB M.2 (optional with HDD configurations)
<b>Display</b>	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) <sup>10</sup>
<b>Available Graphics</b>	Integrated: Intel® HD Graphics 5500
<b>Audio</b>	HD audio with DTS Studio Sound™; Integrated dual-microphone array; 2 integrated stereo speakers
<b>Wireless Technologies</b>	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) <sup>6,7,8,9</sup> (Support for Miracast (models with Windows 8.1 only))
<b>Communications</b>	Intel I218-LM GbE (10/100/1000 NIC)
<b>Expansion Slots</b>	1 multi-format digital media reader (supports SD, SDHC, SDXC)
<b>Ports and Connectors</b>	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
<b>Input Device</b>	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)
<b>Camera</b>	720p HD webcam (select models) <sup>10</sup>
<b>Available Software</b>	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 <sup>11,12,13,14,15,16</sup>
<b>Security Management</b>	Security lock slot (lock must be purchased separately); TPM 1.2/2.0 (Infineon, soldered down); Integrated smart card reader (active); Fingerprint reader (optional)
<b>Power</b>	45 W Smart AC adapter HP Long Life 3-cell, 46 WHr Li-ion polymer
<b>Dimensions</b>	12.2 x 8.48 x 0.83 in 31 x 21.5 x 2.1 cm

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<b>Weight</b>	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.)
<b>Environmental</b>	Low halogen <sup>17</sup>
<b>Energy Efficiency Compliance</b>	ENERGY STAR® certified configurations available
<b>Expansion Solutions</b>	2013 UltraSlim Docking Station
<b>Warranty</b>	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: <a href="http://hp.com/go/cpc">hp.com/go/cpc</a> .

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## HP EliteBook 820 G2 Notebook PC

### Accessories and services (not included)

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#### 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**

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#### HP Docking Station Cable Lock



The HP Docking Station Cable Lock is dramatically simpler to use than previous locks and delivers enhanced security. The HP Docking Station Cable Lock gives you two locking options: lock the docking station only (which also prevents access to the advanced docking stations drive bay) or lock both the docking station and the notebook.

**Product number: AU656AA**

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#### HP Display and Notebook II Stand



Quickly and easily create a comfortable workspace for your notebook or notebook and docking station and an external display with the HP Display and Notebook II Stand, which brings your notebook PC, docking station, and display up off the desk.

**Product number: E8G00AA**

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#### 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**

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#### HP Slim Ultrabook Professional Top Load Case



The HP Slim Ultrabook Top Load—a stylish, durable, and compact carrying case built for your Ultrabook™. A black twill fabric accented with gray plaid combines form and function to help protect your hardware and give you a polished appearance.

**Product number: F3W15AA**

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#### HP External USB DVD/RW Drive



Connect the HP External USB DVD/RW to any available USB port on your PC<sup>1</sup> to get immediate read/write access to your optical media.

**Product number: F2B56AA**

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## Messaging Footnotes

- <sup>1</sup> 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>.
- <sup>2</sup> 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.
- <sup>3</sup> HP Connection Manager available on Windows 7 only.
- <sup>4</sup> 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.
- <sup>5</sup> 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.
- <sup>6</sup> Sold separately or as an optional feature.
- <sup>7</sup> 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](http://www.hp.com/touchpoint) for availability information. Touchpoint Manager require purchase of a subscription.
- <sup>8</sup> Requires Microsoft Windows Operating System.
- <sup>9</sup> 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.
- <sup>10</sup> HP BIOSphere features may vary depending on the PC platform & configuration.
- <sup>11</sup> Elite support only available in the US and Canada in English.
- <sup>12</sup> 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.
- <sup>13</sup> The specifications for the 802.11ac WLAN are draft specifications and are not final. If the final specifications differ from the draft specifications, it may affect the ability of the notebook to communicate with other 802.11ac WLAN devices.

## Technical Specifications Footnotes

- <sup>1</sup> 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>.
- <sup>2</sup> 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.
- <sup>3</sup> 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.
- <sup>4</sup> 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.
- <sup>5</sup> For storage drives, GB = 1 billion bytes. TB = 1 trillion bytes. Actual formatted capacity is less. Up to 30GB (for Windows 8) is reserved for system recovery software.
- <sup>6</sup> 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.
- <sup>7</sup> 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.
- <sup>8</sup> 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>
- <sup>9</sup> NFC is an optional feature.
- <sup>10</sup> HD content required to view HD images.
- <sup>11</sup> Not available in all countries see [www.hp.com/touchpoint](http://www.hp.com/touchpoint) for availability information. Some Touchpoint Manager features require purchase of a subscription.
- <sup>12</sup> HP 3D Drive Guard requires Windows.
- <sup>13</sup> 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.
- <sup>14</sup> 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](http://hp.com/go/mobileconnect)
- <sup>15</sup> HP PageLift requires Windows 7 or higher.
- <sup>16</sup> 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](http://www.hp.com/go/businessmobileprinting))
- <sup>17</sup> External power supplies, power cords, cables and peripherals are not Low Halogen. Service parts obtained after purchase may not be Low Halogen.

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