

# HP EliteBook Folio 1020 G1 Special Edition Notebook PC



## Weighs a little, does a lot

Starting at 1 kg / 2.2 lbs. and 15.7 mm / 0.62 in. thin, the HP EliteBook Folio 1020 Special Edition is incredibly light, thin, and extremely durable. Advanced materials like forged magnesium-lithium alloy and carbon fiber complement leading security and manageability solutions.



## HP recommends Windows.

- Windows 8.1<sup>1</sup>
- 31,75 cm (12.5") diagonal display

### Sleek, slim, smart

- Slip the Special Edition EliteBook Folio 1020 into your carry-on and forget it's even there, thanks to an ultra-light (1 kg/2.2 lbs.), ultra-thin (15.7 mm/0.62 in.) design crafted from carbon fiber and forged magnesium-lithium alloy.

### Streamlined security and management

- Rely on HP's industry leading security and blank management solutions. Keep devices, data, and identities secure and easily managed with power tools from HP including HP BIOSphere,<sup>2</sup> and HP Touchpoint Manager.<sup>3</sup>

### Tough and ready

- Confidently take on the rigors of everyday use and frequent travel with a resilient EliteBook engineered with no moving parts and designed to undergo MIL-STD 810G durability testing<sup>4</sup> for reliable, quiet, responsive performance.

### Give your fingers a break

- After hours of user studies, HP engineered the HP Premium Keyboard with a remarkable balance of comfort and feedback allowing users to concentrate on the task at hand.

### Featuring

- Collaborate with colleagues around the world using a suite of features including HD web cam, immersive DTS Studio Sound™ with stereo speakers, dual-array microphone and industry leading HP Noise Reduction Software.
- Elevate your EliteBook by adding an optional docking station, Elite curved display, and more.<sup>5</sup>
- See it all with brilliant clarity on a stunning, high-resolution 31,75 cm (12.5") diagonal QHD anti-glare non-touch display.
- Keep your connection with WiDi,<sup>6</sup> Miracast,<sup>7</sup> WLAN 802.11ac/Bluetooth® 4.0<sup>8</sup> combo.
- Enjoy two USB 3.0 ports, a MicroSD expansion slot and HDMI video output.
- Take advantage of HP's Elite Support,<sup>9</sup> flexible limited warranty solutions and Global Series support.
- Simplify technical support with optional Helpdesk by HP Care Services. Rely on cost-effective expertise that's available 24x7, covering multiple brands, devices and operating systems.<sup>10</sup>

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## Specifications Table

**HP recommends Windows.**



<b>Available Operating System</b>	Windows 8.1 Pro 64 <sup>1</sup> Windows 8.1 Pro for Education 64 <sup>1</sup> Windows 8.1 Pro 64 (National Academic only) <sup>1</sup> Windows 8.1 64 <sup>1</sup> Windows 8.1 Single Language 64 <sup>1</sup> Windows 7 Professional 64 (available through downgrade rights from Windows 8.1 Pro 64) <sup>2</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 (National Academic only)) <sup>2</sup> Windows 7 Professional 32 <sup>1</sup> Windows 7 Professional 64 <sup>1</sup> Windows 7 Professional 64 (National Academic only) <sup>1</sup> FreeDOS 2.0
<b>Processor Family<sup>4</sup></b>	Intel® Core™ M processor
<b>Available Processors<sup>4</sup></b>	Intel® Core™ M-5Y51 with Intel HD Graphics 5300 (1.1 GHz, up to 2.6 GHz with Intel Turbo Boost Technology, 4 MB cache, 2 cores); Intel® Core™ M-5Y71 with Intel HD Graphics 5300 (1.2 GHz, up to 2.9 GHz with Intel Turbo Boost Technology, 4 MB cache, 2 cores)
<b>Chipset</b>	Chipset is integrated with processor
<b>Maximum Memory</b>	Up to 8 GB 1600 MHz LPDDR3 SDRAM <sup>5</sup> Standard memory note: Internal component upgrades to memory are not available after factory configuration.
<b>Internal Storage</b>	180 GB up to 256 GB M.2 SSD <sup>6,7</sup>
<b>Display</b>	31,75 cm (12.5") diagonal QHD UWVA anti-glare ultra slim LED-backlit (2560 x 1440) <sup>13,14</sup>
<b>Available Graphics</b>	Integrated: Intel® HD Graphics 5300 <sup>13</sup>
<b>Audio</b>	HD audio with DTS Studio Sound™; Integrated dual-microphone array; 2 integrated stereo speakers; HP Noise Reduction Software
<b>Wireless Technologies</b>	Intel® Dual Band Wireless-AC 7265 802.11 a/b/g/n/ac (2x2) WiFi and Bluetooth® 4.0 Combo <sup>8,9,10</sup> (Internal component upgrades to connectivity are not available after factory configuration.)
<b>Communications</b>	NFC; Ethernet via accessory dongle (optional) <sup>12</sup>
<b>Expansion Slots</b>	1 microSD (supports SD, SDHC, SDXC)
<b>Ports and Connectors</b>	2 USB 3.0 charging; 1 HDMI; 1 docking connector; 1 AC power; 1 headphone/microphone combo
<b>Input Device</b>	Spill-resistant backlit keyboard and drain Glass ForcePad™ (with chemically etched surface) with on/off button, supports 2-way scroll with legend, taps and gestures enabled by default, two-finger scrolling, two finger zoom (pinch)
<b>Webcam</b>	720p HD webcam <sup>13</sup>
<b>Available Software</b>	Buy Office; HP BIOSphere with HP Sure Start; HP Connection Manager (models with Windows 7); HP Wireless Hotspot; HP PageLift; HP Recovery Manager; HP Support Assistant; HP ePrint; HP SoftPaq Download Manager; Absolute Data Protect (models with Windows 8.1); CyberLink Power DVD; CyberLink YouCam BE; HP Touchpoint Manager; Foxit PhantomPDF Express for HP; HP Connection Manager; HP ePrint Driver; HP File Sanitizer; Intel WiDi Software; Microsoft Security Essentials (models with Windows 7 only); Lync Optimized <sup>15,16,17,18,19,20</sup>
<b>Security Management</b>	TPM 1.2/2.0 (Infineon, soldered down); Fingerprint reader; Full Volume Encryption; Preboot Authentication (Password) <sup>21</sup>
<b>Power</b>	45 W Smart AC adapter HP Long Life 4-cell, 36 WHr Li-ion polymer 4-cell, 36 WHr models with M.2 SSD: up to 8 hours and 30 minutes (integrated graphics, MM12) <sup>23</sup>
<b>Dimensions</b>	31 x 21 x 1.57 cm
<b>Weight</b>	Starting at 1 kg (Weight will vary by configuration.)
<b>Environmental</b>	Low halogen <sup>22</sup>
<b>Energy Efficiency Compliance</b>	ENERGY STAR® certified configurations available
<b>Warranty</b>	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 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 Business Slim Top Load Case**



The HP Business Slim Top Load Case is a compact, stylish, and durable case designed for the sleek and lightweight HP slim profile business notebooks (up to 14.1 diagonal inch screens).

**Product number: H5M91AA**

**HP Touch to Pair Mouse**



Get additional flexibility and functionality and keep your workspace clutter-free with the world's first near field communication (NFC) wireless mouse that instantly pairs and connects to your Bluetooth®-enabled tablet or Ultrabook™.\*

**Product number: H6E52AA**

**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**

**HP Care Pack: 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**

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[www.hp.eu/hpoptions](http://www.hp.eu/hpoptions)

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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> HP BIOSphere features may vary depending on the PC platform & configuration.

<sup>3</sup> HP Touchpoint Manager supports Android™, iOS and Windows operating systems and PCs, notebooks, tablets and smartphones from various manufacturers. Not available in all countries see [www.hp.com/touchpoint](http://www.hp.com/touchpoint) for availability information. Touchpoint Manager requires purchase of a subscription. Out-of-band HP only Wipe, Lock, Unlock and reporting of BIOS boot error codes is planned to be available on select HP EliteBooks and requires Intel® vPro™ technology and functions in S3/Sleep, S4/Hibernate and S5/Soft Off power states.

<sup>4</sup> MIL-STD testing is pending and 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>5</sup> Sold separately or as an optional feature.

<sup>6</sup> Integrated Intel WiDi feature is available on select configurations only and requires separately purchased projector, TV or computer monitor with an integrated or external WiDi receiver. External WiDi receivers connect to the projector, TV or computer monitor via a standard HDMI cable, also sold separately.

<sup>7</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>8</sup> Wireless access point and internet access required. Availability of public wireless access points limited. 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.

<sup>9</sup> Elite support only available in the US and Canada in English.

<sup>10</sup> HP Care Services are optional. Service levels and response times for HP Care Pack Services 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](http://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.

## Technical specifications disclaimers

<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> Not available with touch

<sup>4</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 on Intel® architecture requires a computer system with a processor, chipset, BIOS, operating system, device drivers, and applications enabled for Intel® 64 architecture. Processors will not operate (including 32-bit operation) without an Intel® 64 architecture-enabled BIOS. Performance will vary depending on your hardware and software configurations. Intel's numbering is not a measurement of higher performance.

<sup>5</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>6</sup> For hard drives and solid state drives, GB = 1 billion bytes. Actual formatted capacity is less. Up to 16GB (for Windows 7) of system and up to 30 GB (for Windows 8.1) disk is reserved for system recovery software.

<sup>7</sup> Internal component upgrades for storage and drives are not available after factory configuration.

<sup>8</sup> Wireless access point and Internet service is required and is not included. Availability of public wireless access points limited.

<sup>9</sup> Bluetooth™ 4.0 is available on Windows 8.1 operating system only.

<sup>10</sup> 802.11 + Bluetooth combos sold separately or as an optional feature. 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.

<sup>12</sup> NFC sold separately or as an option and will ship enabled by default on Windows 8.1 and disabled by default on Windows 7.

<sup>13</sup> High definition (HD) content is required to view high-definition images.

<sup>14</sup> Touchscreen increases starting weight to 3.72 lb and height to 17.1 mm. Touch panel has chemically-strengthened Corning® Gorilla® Glass 3 top cover.

<sup>15</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>16</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>17</sup> HP PageLift requires Windows 7 or higher edition.

<sup>18</sup> HP Touchpoint Manager supports Android™, iOS and Windows operating systems and PCs, notebooks, tablets and smartphones from various manufacturers. Not available in all countries see [www.hp.com/touchpoint](http://www.hp.com/touchpoint) for availability information. Touchpoint Manager requires purchase of a subscription. Out-of-band HP only Wipe, Lock, Unlock and reporting of BIOS boot error codes is planned to be available on select HP EliteBooks and required Intel® vPro™ technology and functions in S3/Sleep, S4/Hibernate and S5/Soft Off power states.

<sup>19</sup> File Sanitizer: For the use cases outlined in the DOD 5220.22-M Supplement. Does not support Solid State Drives (SSDs). Initial setup required. Web history deleted only in Internet Explorer and Firefox browsers and must be user enabled. With Windows 8.1, user must turn off Enhanced Protection Mode in IE 11 for shred on browser close feature.

<sup>20</sup> Foxit PhantomPDF Express for HP is read only

<sup>21</sup> Firmware TPM is version 2.0. Hardware TPM is v1.2, which is a subset of the TPM 2.0 specification version v0.89 as implemented by Intel Platform Trust Technology (PTT).

<sup>22</sup> External power supplies, power cords, cables and peripherals are not low halogen. Service parts obtained after purchase may not be low halogen.

<sup>23</sup> Windows 8 MM12 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](http://www.bapco.com) for additional details.

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