

# HP Elite x2 1012 G2



Optimized for collaboration and engineered to accelerate the pace of modern business, the HP Elite x2 adapts to your needs providing deep connections from almost anywhere in the world with exceptional PC-level performance.



HP recommends Windows 10 Pro.

## Free to work, the way you want.

- A seamless blend of PC power and unbound portability, the HP Elite x2 combines advanced laptop performance and tablet mobility to liberate the way you work.

## Designed to bring worlds together

- Certified for Skype for Business®, the HP Elite x2 keeps you in touch and in sync, wherever you are. Collaboration Keyboard is built into its DNA with premium audio, high-resolution cameras, and the HP Elite x2 Collaboration Keyboard².

## Elite-class engineering

- The HP Elite x2 unites powerful security and manageability in an elegant frame with HP Sure Start Gen3⁴ BIOS protection and the HP Manageability Integration Kit⁵.

## Performance to get the job done

- The HP Elite x2 pushes performance limits with a 7th Gen Intel® Core™ i5/i7 processor⁶ and 10 hours of battery life⁷ that lets you work, surf, and connect with colleagues.

- Power through your day with Windows 10 Pro¹ and the powerful, sleek, thin, and light HP Elite x2.
- Beautiful, serviceable⁸, and built for enterprise-class durability, security and support.
- Start with a genuine HP BIOS every time. HP Sure Start Gen3⁴ 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.
- Explore your creative potential with the optional Wacom pen with app launch² for a natural inking experience with 2048 levels of pressure, simultaneous pen and touch capability, and low palm sensitivity.
- Get up to 50% battery life in just 30 minutes of charging⁹ 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.
- Create a remarkably powerful and streamlined workspace with expansive device, display, and network connectivity plus simultaneous charging with the optional HP Elite Thunderbolt 3¹⁰ 90W Dock.

# HP Elite x2 1012 G2 Specifications Table



<b>Available Operating System</b>	Windows 10 Pro 64 – HP recommends Windows 10 Pro. <sup>1</sup> Windows 10 Pro 64 (National Academic only) <sup>1,2</sup> Windows 10 Home 64 <sup>1</sup> Windows 10 Home Single Language 64 <sup>1</sup>
<b>Processor Family</b>	7th Generation Intel® Core™ i7 processor; 7th Generation Intel® Core™ i5 processor; 7th Generation Intel® Core™ i3 processor
<b>Processor Technology</b>	Intel® vPro™ Technology (select models)
<b>Available Processors</b> <sup>3,4,28</sup>	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™ 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); Intel® Core™ i3-7100U with Intel® HD Graphics 620 (2.4 GHz, 3 MB cache, 2 cores)
<b>Chipset</b>	Chipset is integrated with processor
<b>Maximum Memory</b>	16 GB LPDDR3-1866 SDRAM <sup>5</sup> Memory soldered down. Supports dual channel memory.
<b>Internal Storage</b>	128 GB M.2 SATA SSD <sup>6</sup> 256 GB up to 1 TB M.2 PCIe NVMe TLC SED SSD <sup>6</sup> 256 GB up to 512 GB M.2 SATA TLC SSD <sup>6</sup> 360 GB M.2 PCIe Gen 3x4 TLC SSD <sup>6</sup> 256 GB up to 512 GB M.2 PCIe SSD <sup>6</sup>
<b>Display</b>	12.3" diagonal WQXGA+ direct bonded with Corning® Gorilla® Glass 4 ultra-slim LED-backlit touch screen (2736 x 1824) <sup>12,14,15</sup>
<b>Available Graphics</b>	Integrated: Intel® HD Graphics 620 <sup>12</sup>
<b>Wireless Technologies</b>	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™); HP hs3210 WW HSPA+ Mobile Broadband; HP lt4132 LTE/HSPA+ 4G Mobile Broadband; HP lt4120 LTE/EV-DO/HSPA+ Mobile Broadband; HP lt4226 LTE/HSPA+ Qualcomm® Gobi™ 4G Module; HP lt4225 LTE/EV-DO Qualcomm® Gobi™ 4G Module; u-blox® EVA-M8M M.2 GPS module 8.9,10,11 (Support for Miracast (Windows 10))
<b>Expansion Slots</b>	1 microSD <sup>7,29</sup> (Supports SD, SDHC, SDXC.)
<b>Ports and Connectors</b>	1 USB 3.1 Type-C™ with Thunderbolt™ support (docking, charging and data transfer); 1 USB 3.0; 1 microSD; 1 SIM; 1 headphone/microphone combo jack
<b>Input Device</b>	HP Elite x2 Collaboration Keyboard Clickpad with multitouch gestures; HP Active Pen with Application Launch Button with Wacom technology
<b>Camera</b>	5 MP front-facing camera with LED indicator; 8 MP rear-facing camera with flash LED; IR camera for face authentication with Windows Hello <sup>12,13,14</sup>
<b>Available Software</b>	HP ePrint Driver; Discover HP Touchpoint Manager; HP JumpStart; HP Noise Cancellation; HP Workwise; Native Miracast Support; HP Mac Address Manager <sup>16</sup>
<b>Security Management</b>	Fingerprint reader; Microsoft Defender; Power-on Authentication (password, fingerprint); IR Camera for face authentication; TPM 2.0 Embedded Security Chip shipped with Windows 10 (Common Criteria EAL4+ Certified) <sup>17,18,20,30</sup>
<b>Management Features</b>	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 <sup>19</sup>
<b>Power</b>	45 W USB Type-C™ AC adapter; 65 W USB Type-C™ AC adapter <sup>22,23,24</sup>
<b>Battery Type</b>	HP Long Life 4-cell, 47 Wh Li-ion <sup>21,22</sup>
<b>Dimensions</b>	30 x 21.4 x 0.8 cm (tablet); 30 x 21.4 x 1.3 cm (tablet with travel keyboard); 30 x 21.4 x 1.6 cm (tablet with advanced keyboard)
<b>Weight</b>	Starting at 0.8 kg (tablet); Starting at 1.15 kg (tablet with travel keyboard); Starting at 1.33 kg (tablet with advanced keyboard) (Weight varies by configuration and components)
<b>Energy Efficiency Compliance</b>	ENERGY STAR® qualified; EPEAT® Gold <sup>26</sup>
<b>Warranty</b>	HP Services offers 3-year, 1-year and 90-day limited warranty options 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. On-site service and extended coverage is also available. HP Care Pack Services are optional extended service contracts that go beyond the standard limited warranties. To choose the right level of service for your HP product, use the HP Care Pack Services <sup>25</sup>

## HP Elite x2 1012 G2

### Recommended Accessories and Services

#### HP Elite 90W TB3 Dock



Create a remarkably powerful and streamlined workspace without the clutter with the HP Elite Thunderbolt 3<sup>1</sup> 90W Dock. Get expansive device, display, and network connectivity plus simultaneous charging of your system through one simple cable from the dock to your HP EliteBook.

**Product number: 1DT93AA**

#### HP Elite x2 1012 Advanced Keyboard



Boost your productivity wherever your work takes you with the executive-class, full-sized HP Elite x2 1012 G1Advanced Keyboard.<sup>1</sup>

**Product number: P5Q65AA**

#### HP USB-C Travel HUB



Simplify your mobile expansion and boost your productivity, wherever your work day takes you, with the HP USB-C™ Travel Hub, which delivers display and accessory connections and device charging to your HP 3-in-1, detachable or notebook with one USB-C™ cable.<sup>1</sup>

**Product number: Z9G82AA**

#### HP USB-C to VGA Adapter



Drive your notebook or tablet's video content to an external display, TV, or projector with the HP USB-C™ to VGA Adapter.

**Product number: N9K76AA**

#### HP USB-C to HDMI Adapter



Project your notebook or tablet's high-definition video and audio content to an external display, TV, or projector with the HP USB-C™ to HDMI Adapter.

**Product number: N9K77AA**

#### HP USB-C to DP Adapter



Put your notebook or tablet's high-definition video content up on the big screen with the HP USB-C™ to DP Adapter, which enables connection to an external display, TV or projector

**Product number: N9K78AA**

#### HP USB Type-C to RJ45 Adapter



Connect your USB-C™ device to the Ethernet with this easy-to-carry, plug-and-play Ethernet adapter. Get the fast Internet speed of a wired Ethernet connection for fast and reliable streaming and downloads.

**Product number: V8Y76AA**

#### HP 3-year Next Business Day Onsite Notebook Only Service



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. For more information on Care Pack services, please visit [www.hp.com/go/cpc](http://www.hp.com/go/cpc).

**Product number: U7C50E**

## 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. 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.windows.com>.
- <sup>2</sup> Sold separately or as an optional feature.
- <sup>3</sup> Based on HP's unique and comprehensive security capabilities at no additional cost and HP Manageability Integration Kit's management of every aspect of a PC including hardware, BIOS and software management using Microsoft System Center Configuration Manager among vendors with >1M unit annual sales as of November 2016 on HP Elite PCs with 7th Gen Intel® Core® Processors, Intel® integrated graphics, and Intel® WLAN.
- <sup>4</sup> HP Sure Start Gen3 is available on HP Elite products equipped with Intel® 7th generation processors.
- <sup>5</sup> HP Manageability Integration Kit can be downloaded from <http://www8.hp.com/us/en/ads/clientmanagement/overview.html>.
- <sup>6</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. Performance and clock frequency will vary depending on application workload and your hardware and software configurations. Intel's numbering is not a measurement of higher performance.
- <sup>7</sup> Windows 10 MM14 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.
- <sup>8</sup> Serviceable by HP Support, HP Certified technicians, HP Authorized Service Providers or participants in HP's Self Maintainer program. See [www.hp.com/partners/SMprogram](http://www.hp.com/partners/SMprogram).
- <sup>9</sup> Recharges your battery up to 50% within 30 minutes when the system is off or in standby mode. Power adapter with a minimum capacity of 65 watts is required. After charging has reached 50% capacity, charging will return to normal. Charging time may vary +/-10% due to System tolerance.
- <sup>10</sup> Sold separately, install all the latest drivers for your Thunderbolt device before connecting the device to the Thunderbolt port. Thunderbolt cable and Thunderbolt device (sold separately) must be compatible with Windows. To determine whether your device is Thunderbolt Certified for Windows, see <https://thunderbolttechnology.net/products>.

## 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, 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.windows.com/>.
- <sup>2</sup> Some devices for academic use will automatically be updated to Windows 10 Pro Education with the Windows 10 Anniversary Update. Features vary; see <https://aka.ms/ProEducation> for Windows 10 Pro Education feature information.
- <sup>3</sup> Multicore is designed to improve performance of certain software products. Not all customers or software applications will necessarily benefit from use of this technology. Performance and clock frequency will vary depending on application workload and your hardware and software configurations. Intel's numbering is not a measurement of higher performance.
- <sup>4</sup> Processor speed denotes maximum performance mode; processors will run at lower speeds in battery optimization mode.
- <sup>5</sup> Due to the non-industry standard nature of some third-party memory modules, we recommend HP branded memory to ensure compatibility. If you mix memory speeds, the system will perform at the lower memory speed.
- <sup>6</sup> For storage drives, GB = 1 billion bytes. TB = 1 trillion bytes. Actual formatted capacity is less. Up to 980 MB (for Windows 10) is reserved for system recovery software.
- <sup>7</sup> All cables are sold separately.
- <sup>8</sup> Wireless access point and Internet service required and sold separately. 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> WWAN module is optional and requires separately purchased service contract and factory configuration. 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>10</sup> GPS module not available if WWAN is selected.
- <sup>11</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>12</sup> HD content required to view HD images.
- <sup>13</sup> Internet access required.
- <sup>14</sup> Sold separately or as an optional feature.
- <sup>15</sup> Resolutions are dependent upon monitor capability, and resolution and color depth settings.
- <sup>16</sup> HP ePrint Driver 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/eprintcenter](http://www.hp.com/go/eprintcenter)).
- <sup>17</sup> HP BIOSphere available only on business PCs with HP BIOS.
- <sup>18</sup> Secure Erase for the methods outlined in the National Institute of Standards and Technology Special Publication 800-88.
- <sup>19</sup> HP SoftPaq Download Manager (SDM); HP System Software Manager (SSM); HP Microsoft Integration Kit for Microsoft System Center Configuration Manager: Not preinstalled, however available for download at <http://www.hp.com/go/clientmanagement>.
- <sup>20</sup> HP Client Security Gen3 requires Windows and Intel® 7th generation processors.
- <sup>21</sup> Battery is internal and not replaceable by customer. Serviceable by warranty.
- <sup>22</sup> Supports battery fast charge. Power adapter with a minimum capacity of 65 watts is required.
- <sup>23</sup> Power adapters are chosen depending on your configurations.
- <sup>24</sup> Availability may vary by country.
- <sup>25</sup> HP Care Packs are sold separately. 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](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.
- <sup>26</sup> EPEAT® registered where applicable. EPEAT registration varies by country. See <http://www.epeat.net> for registration status by country.
- <sup>27</sup> External power supplies, power cords, cables and peripherals are not Low Halogen. Service parts obtained after purchase may not be Low Halogen.
- <sup>28</sup> NOTE: 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>.
- <sup>29</sup> SDXC card supported up to 2TB.
- <sup>30</sup> HP Sure Start Gen 3 is available on HP EliteBook products equipped with Intel® 7th generation processors.

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