



HP Elite x2 1012 G2

Detached. Yet never more connected.

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 for business

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 and 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 HP Active Pen with App Launch⁷ for a natural inking experience. Share your creations with the touch of a button using the HP Elite x2 Collaboration Keyboard.
- Get up to 50% battery life in just 30 minutes of charging⁸ 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 3⁹ 90W Dock.
- Deploy the HP Manageability Integration Kit⁴ to help speed up image creation and the management of hardware, BIOS, and security when managing devices through Microsoft System Center Configuration Manager.

HP Elite x2 1012 G2 Specifications Table



Available Operating Systems	Windows 10 Pro 64 – HP recommends Windows 10 Pro for business ¹ Windows 10 Pro (National Academic License) ^{1,2} Windows 10 Home 64 ¹ Windows 10 Home Single Language 64 ¹
Processor family	7th Generation Intel® Core™ i7 processor; 7th Generation Intel® Core™ i5 processor; 7th Generation Intel® Core™ i3 processor
Available Processors ^{3,4,28}	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) 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 .
Chipset	Chipset is integrated with processor
Display size (diagonal)	12.3"
Viewing angle	##displayviewangle##
Maximum memory	16 GB LPDDR3-1866 SDRAM ⁵ Memory soldered down. Supports dual channel memory.
Internal storage	128 GB M.2 SATA SSD ⁶ 256 GB up to 1 TB M.2 PCIe NVMe TLC SED SSD ⁶ 256 GB up to 512 GB M.2 SATA TLC SSD ⁶ 360 GB M.2 PCIe Gen 3x4 TLC SSD ⁶ 256 GB up to 512 GB M.2 PCIe SSD ⁶
Display ^{12,14,15}	12.3" diagonal WQXGA+ direct bonded with Corning® Gorilla® Glass 4 ultra-slim LED-backlit touch screen (2736 x 1824)
Available Graphics	Integrated: Intel® HD Graphics 620 ¹²
Audio	Audio by Bang & Olufsen; Dual stereo speakers; Dual microphone array
Wireless technologies ^{8,9,10,11}	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 (Support for Miracast (Windows 10))
Expansion slots	1 microSD ^{7,29} (Supports SD, SDHC, SDXC.)
Ports and Connectors	1 Thunderbolt™ (USB Type-C™ connector); 1 USB 3.0; 1 microSD; 1 micro-SIM; 1 headphone/microphone combo
Available Keyboards	HP Collaboration Keyboard (optional); HP Advanced Keyboard (with SCR) (select models)
Available Pointing Devices	Clickpad with multitouch gestures; HP Active Pen with Application Launch Button with Wacom technology
Sensors	Accelerometer Magnetometer, Gyro (Combo chip) (tablet); Ambient light sensor; Proximity (SAR for WWAN) (tablet); Hall effect; Dual Accelerometers (travel and advanced keyboard)
Camera ^{12,13,14}	5 MP front-facing camera with LED indicator; 8 MP rear-facing camera with flash LED; IR camera for face authentication with Windows Hello
Available Software ¹⁶	HP 3D DriveGuard (Windows required); HP ePrint Driver + JetAdvantage; HP Hotkey Support; HP Recovery Manager; HP Support Assistant; HP Noise Cancellation; HP Velocity; For a complete list of preinstalled software, please refer to the quick spec document for this product.
Security management ^{17,18,20,30}	HP Device Access Manager; HP BIOSphere; HP Sure Start Gen3; Secure Erase; Absolute Persistence Module; HP Client Security Gen3; Fingerprint reader (select models); Security lock slot (lock must be purchased separately); TPM 2.0; Integrated smart card reader (active)
Management features	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 ¹⁹
Power ^{22,23,24}	45 W USB Type-C™ AC adapter; 65 W USB Type-C™ AC adapter
Battery type ^{21,22}	HP Long Life 4-cell, 47 Wh Li-ion
Dimensions	11.81 x 8.65 x 0.36 in (tablet); 11.81 x 8.65 x 0.57 in (tablet with keyboard); 30 x 21.97 x 0.91 cm (tablet); 30 x 21.97 x 1.46 cm (tablet with keyboard)
Weight	Starting at 1.77 lb (tablet); Starting at 2.55 lb (tablet with travel keyboard); Starting at 2.94 lb (tablet with advanced keyboard); Starting at 0.8 kg (tablet); Starting at 1.15 kg (tablet with travel keyboard); Starting at 1.33 kg (tablet with advanced keyboard)
Ergonomic features	##displaytiltswiv##
Energy efficiency compliance ²⁶	ENERGY STAR® certified and EPEAT® Gold registered
Environmental specifications ²⁷	Low halogen
Warranty	HP Services offers a 1-year limited warranties and 90 day support 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 Lookup Tool at: http://www.hp.com/go/cpc .

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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. 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>.
- ² Sold separately or as an optional feature.
- ³ 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.
- ⁴ HP Sure Start Gen3 is available on HP Elite products equipped with Intel® 7th generation processors.
- ⁵ HP Manageability Integration Kit can be downloaded from <http://www8.hp.com/us/en/ads/clientmanagement/overview.html>.
- ⁶ 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.
- ⁷ 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 for additional details.
- ⁸ 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.
- ⁹ 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.
- ⁹ 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

- 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.windows.com/>.
- ² 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.
- ³ 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.
- ⁴ Processor speed denotes maximum performance mode; processors will run at lower speeds in battery optimization mode.
- ⁵ 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.
- ⁶ 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.
- ⁷ All cables are sold separately.
- ⁸ 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.
- ⁹ 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.
- ¹⁰ GPS module not available if WWAN is selected.
- ¹¹ 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>.
- ¹² HD content required to view HD images.
- ¹³ Internet access required.
- ¹⁴ Sold separately or as an optional feature.
- ¹⁵ Resolutions are dependent upon monitor capability, and resolution and color depth settings.
- ¹⁶ 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).
- ¹⁷ HP BIOSphere available only on business PCs with HP BIOS.
- ¹⁸ Secure Erase for the methods outlined in the National Institute of Standards and Technology Special Publication 800-88.
- ¹⁹ 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>.
- ²⁰ HP Client Security Gen3 requires Windows and Intel® 7th generation processors.
- ²¹ Battery is internal and not replaceable by customer. Serviceable by warranty.
- ²² Supports battery fast charge. Power adapter with a minimum capacity of 65 watts is required.
- ²³ Power adapters are chosen depending on your configurations.
- ²⁴ Availability may vary by country.
- ²⁵ 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. 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.
- ²⁶ EPEAT® registered where applicable. EPEAT registration varies by country. See <http://www.epeat.net> for registration status by country. Search keyword generator on HP's 3rd party option store for solar generator accessories at www.hp.com/go/options.
- ²⁷ External power supplies, power cords, cables and peripherals are not Low Halogen. Service parts obtained after purchase may not be Low Halogen.
- ²⁸ 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>.
- ²⁹ SDXC card supported up to 2TB.
- ³⁰ HP Sure Start Gen 3 is available on HP EliteBook products equipped with Intel® 7th generation processors.

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