Datasheet

HP Pro x2 612 G2

The versatile HP Pro x2 design strikes the right balance of mobility, durability, and security in a device that is designed to last. Ideal for challenging environments, this versatile detachable PC lets you work the way you want.

HP recommends Windows 10 Pro.

Strong security, simplified manageability.

- Take security to the next level with a built-in smart card reader and optional fingerprint reader[2]. Protect against BIOS attacks with HP Sure Start Gen3[3] and easily manage devices with the HP Manageability Integration Kit[4].

Adapts to the way you work

- Explore your creative potential with the extended 165° kickstand opening and the optional HP Active Pen with App Launch[2] for a natural inking experience. Use in tablet mode for surfing[5], or attach the optional HP Pro x2 Collaboration Keyboard and use it as a notebook.

Field ready

- This detachable can go the distance passing MIL-STD 810G tests[6] for dust, shock, drops, and more. The HP Pro x2 is up to the task with up to 11 hours of battery life[7], and a fanless design for quiet operation.

Delighting users, helping IT.

- The HP Pro x2 removable back cover allows fast easy upgrades to serviceable components in the field[8] saving time and money and helping extend the life of your investment.

- Power through your day with Windows 10 Pro[1] and the powerful, sleek, thin, and light HP Pro x2.
- Keep your data on premise with a removable, encrypted SSD and HP Drive Encryption software.
- Work smart with a built-in smart card reader that provides additional layer of security and control over user credentials[2] and an optional NFC[5] sensor that provides supplemental authentication protection and enables secure payments.
- Start with a genuine HP BIOS every time. HP Sure Start Gen3[3] 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.
- Get the benefits of mobility for the modern workforce and help boost productivity with powerful 7th Gen Intel® Core® processors[9].
- Deploy the HP Manageability Integration Kit[4] to help speed up image creation and the management of hardware, BIOS, and security when managing devices through Microsoft System Center Configuration Manager.
- Greatly improve the transfer rates of user's data, voice, and video communication when connecting over challenged LAN or Wi-Fi networks with HP Velocity.
- HP WorkWise[10] is office intelligence rolled into one smartphone app to provide PC security, real-time PC performance information, and simplified printer driver installation for HP PC users.

HP recommends Windows 10 Pro.

HP Pro x2 612 G2 Specifications Table

Available Operating System	Windows 10 Pro 64 – HP recommends Windows 10 Pro. [1] 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; Intel® Core™ M processor; Intel® Pentium® processor
Available Processors [2,26]	Intel® Core™ i7-7Y75 with Intel Graphics 615 (1.3 GHz, up to 3.6 GHz, 4 MB cache, 2 cores); Intel® Core™ i5-7Y54 with Intel Graphics 615 (1.2 GHz, up to 3.2 GHz, 4 MB cache, 2 cores); Intel® Core™ i5-7Y57 with Intel Graphics 615 (1.2 GHz, up to 3.3 GHz, 4 MB cache, 2 cores); Intel® Core™ M3-7Y30 with Intel Graphics 615 (1 GHz, up to 2.6 GHz, 4 MB cache, 2 cores); Intel® Pentium® 4410Y with Intel Graphics 615 (1.5 GHz, 2 MB cache, 2 cores)
Chipset	Chipset is integrated with processor
Maximum Memory	8 GB LPDDR3-1866 SDRAM [3] Memory soldered down; Internal component upgrades to memory are not available after factory configuration.
Internal Storage	up to 128 GB M.2 SATA SSD [4] up to 256 GB M.2 SATA TLC SSD [4] 256 GB up to 512 GB M.2 PCIe NVMe TLC SED SSD [4] 256 GB up to 512 GB M.2 PCIe Gen 3x4 TLC SSD [4] up to 512 GB M.2 SATA FIPS 140-2 TLC SSD [4]
Display	12" diagonal FHD BrightView WUXGA+ UWVA eDP ultra-slim LED-backlit touch screen (1920 x1280), direct bonded, Corning® Gorilla® Glass 4 [8,10]
Available Graphics	Integrated: Intel® HD Graphics 615[8]
Wireless Technologies	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+ Gobi 4G Mobile Broadband [5,6,7] (Support for Miracast (Windows 10))
Communications	HP Module with NXP NFC Controller NPC100 I2C NCI
Expansion Slots	1 microSD; 1 smart card reader (Supports SD, SDHC, SDXC)
Ports and Connectors	1 USB 3.1 Type-C™ (docking, charging and data transfer); 1 USB 3.0; 1 microSD; 1 SIM; 1 headphone/microphone combo
Input Device	HP Pro x2 612 G2 Keyboard (optional) ClickPad with on/off button, supports 2-way scroll, taps and gestures enabled by default, two-finger scrolling, two finger zoom (pinch)
Camera	5 MP FHD 1080p front-facing webcam with LED indicator; 8 MP FHD 1080p rear-facing webcam with flash LED [8,9]
Available Software	HP Mobile Connect Pro (models with Windows 8.1 and Windows 10); HP ePrint Driver+JetAdvantage; HP Hotkey Support; HP Recovery Manager; HP Support Assistant; HP Noise Cancellation; Buy Office; Bing Search; Skype [11,12,13]
Security Management	HP BIOSphere; HP Sure Start Gen3; HP Client Security Gen3; HP Secure Erase; Preboot Authentication; Absolute Persistence Module; Fingerprint reader (optional); Drive Encryption; Power-on Authentication (password, fingerprint); TPM 2.0 (1.2 optional); HP Password Manager [16,17,18,19,20]
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 [14,15]
Power	45 W USB Type-C™ AC adapter; 65 W USB Type-C™ AC adapter [21,22]
Battery Type	4-cell, long life 41 Wh Li-ion [21]
Dimensions	30 x 21.38 x 0.91 cm (tablet); 30 x 21.93 x 1.46 cm (tablet with travel keyboard)
Weight	0.85 kg (tablet); 1.2 kg (tablet with travel keyboard) (Weight will vary by configuration.)
Environmental	Low halogen [24]
Energy Efficiency Compliance	ENERGY STAR® certified and EPEAT® Gold registered [25]
Warranty	HP Services offers 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. Service levels and response times for HP Care Packs may vary depending on your geographic location [23]

HP recommends Windows 10 Pro.

HP Pro x2 612 G2

Recommended Accessories and Services

HP USB-C to USB 3.0 Adapter

Convert your notebook or tablet's USB-C™ port to USB 3.0 with the HP USB-C™ to USB 3.0 Adapter.
Product number: N2Z63AA

HP USB-C to 3.0mm and 4.5mm Adapter

Travel light with the HP USB-C™ to 3.0mm and 4.5mm Adapter, which lets you use one power adapter to charge your tablet and notebook.
Product number: N2Z65AA

HP USB 3.0 to Gigabit LAN Adapter

Convert your notebook's high-speed USB 3.0 connection to a fast 10/100/1000 Ethernet connection with the USB 3.0 to Giga LAN Adapter.
Product number: N7P47AA

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 x2 612 G2 Rugged Case

Carry your HP Pro x2 612 into the daily fray without worry. The sturdy and stylish HP Pro x2 612 Rugged Case helps shield your tablet from bumps without adding extra bulk and is designed to pass MIL-STD 810G testing.[1]
Product number: Z7T26AA

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.[1]
Product number: Z9G82AA

HP Elite USB-C Dock

Maximize mobile productivity in the office with one USB-C™ cable connection to the enterprise-ready HP Elite USB-C™ Dock.[1] It delivers device charging[2] to your HP 3-in-1, detachable or notebook, supports up to three displays[3], and enables connectivity to your wired network and accessories.
Product number: Z9R42AA

HP 3-year Next Business Day Onsite Notebook Only Service

Care Pack

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.
Product number: U7C50E

HP recommends Windows 10 Pro.

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] Available on HP Pro x2 and Elite x2 products equipped with Intel® 7th generation processors.
[4] HP Manageability Integration Kit can be downloaded from http://www8.hp.com/us/en/ads/clientmanagement/overview.html.
[5] Internet access required.
[6] Passes MIL STD 810G testing for High Temperature, Low Temperature, Temperature Shock, Altitude, Humidity, Drop, Dust, Random Vibration, Shock, Sand, Explosive Atmosphere, and Freeze/Thaw. 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. Damage under the MIL STD test conditions or any accidental damage requires an optional HP Accidental Damage Protection Care Pack.
[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] 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.
[10] HP WorkWise smartphone app will soon be available as a free download on the App Store and Google Play.

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] 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.
[3] 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.
[4] For storage drives, GB = 1 billion bytes. TB = 1 trillion bytes. Actual formatted capacity is less. Up to 30 GB (for Windows 10) is reserved for system recovery software.
[5] 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.
[6] Mobile Broadband is an optional feature 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, and in all regions.
[7] 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
[8] HD content required to view HD images.
[9] Internet access required.
[10] Resolutions are dependent upon monitor capability, and resolution and color depth settings.
[11] HP Mobile Connect Pro is only available on preconfigured devices with WWAN. For geographic availability refer to www.hp.com/go/mobileconnect
[12] 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).
[13] Skype is not offered in China.
[14] LANDESK Management subscription required.
[15] HP MIK for Microsoft System Center Configuration Manager is not preinstalled, however available for download at http://www.hp.com/go/clientmanagement
[16] HP BIOSphere available only on business PCs with HP BIOS.
[17] Sure Start Gen3 requires a 7th Generation Intel® Processor.
[18] HP Secure Erase for the methods outlined in the National Institute of Standards and Technology Special Publication 800-88.
[19] Absolute agent is shipped turned off, and will be activated when customers activate a purchased subscription. Subscriptions can be purchased for terms ranging multiple years. Service is limited, check with Absolute for availability outside the U.S. The Absolute Recovery Guarantee is a limited warranty. Certain conditions apply. For full details visit: http://www.absolute.com/company/legal/agreements/ computrace-agreement. Data Delete is an optional service provided by Absolute Software. If utilized, the Recovery Guarantee is null and void. In order to use the Data Delete service, customers must first sign a Pre-Authorization Agreement and either obtain a PIN or purchase one or more RSA SecurID tokens from Absolute Software.
[20] HP Client Security Gen3 requires Windows.
[21] Supports battery fast charge. Power adapter with a minimum capacity of 65 watts is required.
[22] Power adapters are chosen depending on your configurations.
[23] 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.
[24] External power supplies, power cords, cables and peripherals are not Low Halogen. Service parts obtained after purchase may not be Low Halogen.
[25] EPEAT® registered where applicable. EPEAT registration varies by country. See http://www.epeat.net/ for registration status by country.
[26] 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.

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