ProductSheet

HP Elite x2 G8 Tablet (458Y6EA)

Elegant mobility that's enterprise ready

Work keeps you moving from one location to the next all day requiring one device designed for an enterprise environment that lets you work on-the-go. The HP Elite x2 combines modern PC performance with pure tablet mobility.

HP recommends Windows 11 Pro for business

Power in sophisticated style
The stunning HP Elite x2 is crafted from durable premium CNC aluminum with diamond cut accents. Power your business applications with an 11th Gen Intel® Core™ processor.[2]

Ultralight with reliable connectivity
This ultralight device still delivers full performance and connectivity with gigabit-speed Wi-Fi 6.[4,5] A kickstand helps stabilize the PC and Tile™ [5] can help you locate your PC if it's misplaced.

Multi-layered security protection
HP Wolf Security for Business creates a hardware-enforced, always-on, resilient defense. From the BIOS to the browser, above, in, and below the OS, these constantly evolving solutions help protect your PC from modern threats.[8]

Featuring

Let nothing stand in your way
Power through your day with Windows 10 Pro and the powerful security, collaboration and connectivity features from HP. [1]

High performance, high portability
Help speed up demanding business applications with a quad-core 11th Gen Intel® Core™ processor, with breakthrough Intel® Iris® Xe graphics. [2]

HP Sure Sense
Malware is evolving rapidly and traditional antivirus can't always recognize new attacks. Protect your PC against never-before-seen attacks with HP Sure Sense, which uses deep learning AI to provide exceptional protection against advanced malware.

Fast and efficient wireless LAN
The portability of your PC and the reliability of a fast connection determines where you can work. Get a fast and reliable connection in dense wireless environments with gigabit-speed Wi-Fi 6. [3]

Browse confidently
Help protect your PC from websites and read only Microsoft Office and PDF attachments with embedded malware, ransomware, or viruses with hardware-enforced security from HP Sure Click. [6]

Specifications

Operating system	Windows 10 Pro *(Device comes with Windows 10 and a free Windows 11 upgrade or may be preloaded with Windows 11. Upgrade timing may vary by device. Features and app availability may vary by region. Certain features require specific hardware (see Windows 11 Specifications).)*
Processor family	11th Generation Intel® Core™ i5 processor
Processor	Intel® Core™ i5-1135G7 (up to 4.2 GHz with Intel® Turbo Boost Technology, 8 MB L3 cache, 4 cores)[6,7]
Memory	8 GB LPDDR4x-4266 MHz RAM (onboard)
Internal Storage	256 GB PCIe® NVMe™ SSD
Graphics	Integrated
Graphics (integrated)	Intel® Iris® Xe Graphics
Display	33 cm (13") diagonal, WUXGA+ (1920 x 1280), touch, IPS, BrightView, Corning® Gorilla® Glass 5, 400 nits, 72% NTSC
Display	13" diagonal, WUXGA+ (1920 x 1280), touch, IPS, BrightView, Corning® Gorilla® Glass 5, 400 nits, 72% NTSC[17,18,19]
Display size (diagonal)	33 cm (13")
Audio	Audio by Bang & Olufsen, dual stereo speakers, 3 multi array microphone
Minimum dimensions (W x D x H)	28.93 x 21.58 x 0.88 cm (tablet); 28.93 x 22.19 x 1.42 cm (tablet with keyboard)
Weight	Starting at 0.82 kg (tablet); Starting at 1.17 kg (tablet with keyboard) *(Weight will vary by configuration.)*
Keyboard	HP Premium Keyboard – spill resistant, backlit keyboard
Pointing device	Clickpad with multi-touch gesture support
Input devices	Accelerometer; Gyroscope; Magnetometer; Hall sensor
Camera	1080p FHD IR camera
Ports	2 Thunderbolt™ 4 with USB4 Type-C® 40Gbps signaling rate (USB Power Delivery, DisplayPort™ 1.4); 1 SuperSpeed USB Type-C® 10Gbps signaling rate (USB Power Delivery, DisplayPort™ 1.4); 1 headphone/microphone combo[11]
Package dimensions (W x D x H)	6.9 x 48.3 x 30.5 cm
Wireless	Intel® AX201 Wi-Fi 6 (2x2) and Bluetooth® 5 combo, non-vPro®
Power	65 W USB Type-C™ adapter
Battery type	HP Long Life 2-cell, 47 Wh Li-ion polymer
Battery weight	190 g
Management features	HP Driver Packs; HP Client Catalog; HP Manageability Integration Kit Gen4; HP Client Management Script Library (download)[24,25]
Sustainable impact specifications	Outside box and corrugated cushions are 100% sustainably sourced and recyclable
Security management	Absolute persistence module; HP DriveLock and Automatic DriveLock; HP Secure Erase; TPM 2.0 embedded security chip shipped with Windows 10 (Common Criteria EAL4+ Certified); HP Sure Click; HP Sure Sense; HP Sure Start Gen6; HP Sure Admin; HP BIOSphere Gen6; HP Sure Run Gen4; HP Sure Recover Gen4; HP Client Security Manager Gen7; Secured-core PC capable[26,27,28,29,30,31,32,33,34,35,36,37,38]
Software included	HP Connection Optimizer; HP Image Assistant; HP Hotkey Support; HP Noise Cancellation Software; HP Support Assistant; HP Easy Clean; Buy Office (Sold separately); HP Power Manager; HP WorkWell; myHP; HP Privacy Settings; Touchpoint Customizer for Commercial; HP Notifications; HP QuickDrop; HP Wireless Button Driver[20,21,22,45]
UPC number	(ABD) 196068211950; (ABU) 196188387979
Manufacturer Warranty	3 year (3/3/0) limited warranty includes 3 years of parts and labor. No on-site repair. Terms and conditions vary by country. Certain restrictions and exclusions apply.[41]

Top Recommended Displays, Accessories and Services

Z Displays	
HP Z34c G3 WQHD Curved Display	30A19AA
E-Series	
HP E27m G4 QHD USB-C Conferencing Monitor	40Z29AA
Docking Stations	
HP USB-C Dock G5	26D32AA
HP USB-C Dock G5	5TW10AA
HP Thunderbolt Dock 120W G2	2UK37AA
HP Thunderbolt Dock G2 with Combo Cable	3TR87AA
Cases	
HP Renew Business 14.1-inch Laptop Bag	3E5F9AA
Covers	
HP Renew Business 14.1-inch Laptop Sleeve	3E2U7AA

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] 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, branding and/or naming is not a measurement of higher performance.

[3] Wireless access point and internet service required and sold separately. Availability of public wireless access points limited. Wi-Fi 6 is backwards compatible with prior 802.11 specs. The specifications for Wi-Fi 6 (802.11ax) are draft and are not final. If the final specifications differ from the draft specifications, it may affect the ability of the PC to communicate with other 802.11ax devices. Wi-Fi® supporting gigabit speeds is achievable with Wi-Fi 6 (802.11ax) when transferring files between two devices connected to the same router. Requires a wireless router, sold separately, that supports 160MHz channels.

[4] Wireless access point and internet service required and sold separately. Availability of public wireless access points limited. Wi-Fi 6 is backwards compatible with prior 802.11 specs. The specifications for Wi-Fi 6 (802.11ax) are draft and are not final. If the final specifications differ from the draft specifications, it may affect the ability of the PC to communicate with other 802.11ax devices.

[5] Wi-Fi® supporting gigabit speeds is achievable with Wi-Fi 6 (802.11ax) when transferring files between two devices connected to the same router. Requires a wireless router, sold separately, that supports 160MHz channels.

[6] HP Sure Click supports Microsoft® Internet Explorer and Chromium™. Supported attachments include Microsoft Office (Word, Excel, PowerPoint) and PDF files in read only mode, when Microsoft Office or Adobe Acrobat are installed.

[8] HP Wolf Security for Business requires Windows 10 and higher, includes various HP security features and is available on HP Pro, Elite, Workstation, and RPOS products. See product details for included security features and OS requirements.

Technical Specifications Footnotes

[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, branding and/or naming is not a measurement of higher performance.

[7] Intel® Turbo Boost performance varies depending on hardware, software and overall system configuration. See http://www.intel.com/technology/turboboost/ for more information.

[11] SuperSpeed USB 20Gbps is not available with Thunderbolt™ 4.

[17] FHD/HD content required to view FHD/HD images.

[18] Actual brightness will be lower with touchscreen or Sure View.

[19] HP Sure View integrated privacy screen is an optional feature that must be configured at purchase and is designed to function in landscape orientation.

[20] HP Connection Optimizer requires Windows 10.

[21] HP Support Assistant requires Internet access.

[22] HP Quick Drop requires Internet access and Windows 10 PC preinstalled with HP QuickDrop app and either an Android device (phone or tablet) running Android 7 or higher with the Android HP QuickDrop app, and /or an iOS device (phone or tablet) running iOS 12 or higher with the iOS HP QuickDrop app.

[24] HP Driver Packs not preinstalled, however available for download at http://www.hp.com/go/clientmanagement.

[25] HP Manageability Integration Kit can be downloaded from http://www8.hp.com/us/en/ads/clientmanagement/overview.html.

[26] Absolute firmware module is shipped turned off and can only be activated with the purchase a license subscription and full activation of the software agent. License subscriptions can be purchased for terms ranging multiple years. Service is limited, check with Absolute for availability outside the U.S. Certain conditions apply. For full details visit: https://www.absolute.com/about/legal/agreements/absolute/

[27] HP Secure Erase for the methods outlined in the National Institute of Standards and Technology Special Publication 800-88 "Clear" sanitation method. HP Secure Erase does not support platforms with Intel® Optane™.

[28] Firmware TPM is version 2.0.

[29] HP Sure Click requires Windows 10. See https://bit.ly/2PrLT6A_SureClick for complete details.

[30] HP Sure Sense requires Windows 10 Pro or Enterprise.

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