HP EliteBook x360 830 G7 Notebook PC

Balance your workday with x360 flexibility

The beautifully designed, thin, and light HP EliteBook x360 830 G7 adapts to all the ways you create, connect, and collaborate. Meet the demands of your multi-task, multi-place workday with this powerful and highly secure convertible PC.

HP recommends Windows 10 Pro for business

Comfortable versatile design

- Your work requires the ability to jump quickly from taking notes to presenting to a group. With an 83-percent screen-to-body ratio[2], the beautifully designed HP EliteBook x360 830 G7 provides the flexibility you need on a quiet, comfortable, convertible PC.

Work with peace of mind

- Security features from HP work together to create an always-on, always-acting, resilient defense. From the BIOS to the browser, above and below the OS, these constantly evolving solutions help protect your PC from threats.

Pursue success

- Optional 4G LTE wireless[3], long battery life, and up to an optional 10th Gen six-core Intel® Core™ [4] vPro® [5] processor means your laptop will be ready to help you do your best work.

- Get the exceptional combination of responsive performance, connectivity and speed with an optional 10th Gen six-core Intel® Core™ vPro® processor that lets you launch, create, and connect fast and reliably.[4,5]

- Instantly block prying eyes' ability to view your screen with optional HP Sure View Reflect that produces a copper reflective finish when the screen is viewed from the side making it appear unreadable.[8]

- 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.[9]

- Capture ideas and annotate documents with the high pressure sensitivity and low activation force of the optional HP Rechargeable Active Pen G3. With a magnetic attach capability, it even sends a proximity alert if it's left behind.[10]

- With up to gigabit class 4G LTE powered with 4x4 antennas, your "office" can be where you need it, letting you stay connected almost everywhere.

- Express yourself in almost any light using the optional ultra-bright outdoor viewable touch display with anti-glare and ambient light sensors on the HP EliteBook x360 830 G7.[11]

- Designed to coach you to take breaks, exercise, and to provide productivity tips based on your work habits, HP WorkWell makes wellbeing measurable and actionable at work.[12]

- Never wonder if someone is watching you with the added peace-of-mind that comes from the HP Privacy Camera with a physical shutter to protect from malicious surveillance.

- 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.[6,7]
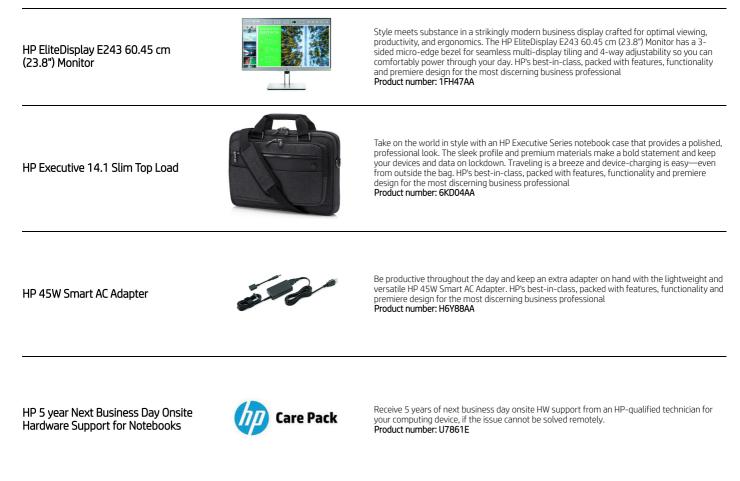
HP EliteBook x360 830 G7 Notebook PC Specifications Table

Available Operating Systems	Windows 10 Pro 64 – HP recommends Windows 10 Pro for business[1] Windows 10 Home 64[1] Windows 10 Home Single Language 64[1] Windows 10 Pro (Windows 10 Enterprise available with a Volume Licensing Agreement)[1] FreeDOS
Processor family[6]	10th Generation Intel® Core™ i7 processor (i7-10810U); 10th Generation Intel® Core™ i7 processor (i7-10710U); 10th Generation Intel® Core™ i7 processor (i7-10610U); 10th Generation Intel® Core™ i7 processor (i7-10510U); 10th Generation Intel® Core™ i5 processor (i5-10310U); 10th Generation Intel® Core™ i5 processor (i5-10210U)
Available Processors[3,4,5,6]	Intel® Core™ i7-10810U with Intel® UHD Graphics (1.1 GHz base frequency, up to 4.7 GHz with Intel® Turbo Boost Technology, 12 MB L3 cache, 6 cores); Intel® Core™ i7-10710U processor with Intel® UHD Graphics (1.1 GHz base frequency, up to 4.7 GHz with Intel® Turbo Boost Technology, 12 MB cache, 6 cores); Intel® Core™ i7-10610U processor with Intel® UHD Graphics (1.8 GHz base frequency, up to 4.9 GHz with Intel® Turbo Boost Technology, 8 MB L3 cache, 4 cores); Intel® Core™ i7-10510U processor with Intel® UHD Graphics (1.8 GHz base frequency, up to 4.9 GHz with Intel® Turbo Boost Technology, 8 MB L3 cache, 4 cores); Intel® Core™ i5-10310U processor with Intel® UHD Graphics (1.6 GHz base frequency, up to 4.4 GHz with Intel® Turbo Boost Technology, 6 MB L3 cache, 4 cores); Intel® Core™ i5-10210U processor with Intel® UHD Graphics (1.6 GHz base frequency, up to 4.2 GHz with Intel® Turbo Boost Technology, 6 MB L3 cache, 4 cores)
Maximum memory	32 GB DDR4-2666 SDRAM [7] Single channel support.
Memory slots	2 SODIMM
Internal storage	up to 512 GB Intel® PCIe® NVMe™ QLC M.2 SSD with 32 GB Intel® Optane™ memory H10[8,9,10] up to 256 GB Intel® PCIe® NVMe™ QLC M.2 SSD with 16 GB Intel® Optane™ memory H10[8,9,10] 256 GB up to 1 TB PCIe® Gen3x4 NVMe™ M.2 SSD TLC[8] 256 GB up to 512 GB PCIe® NVMe™ Value M.2 SSD[8] 256 GB up to 512 GB PCIe® Gen3x4 NVMe™ M.2 SED SSD TLC[8] up to 128 GB M.2 SATA SSD TLC[8]
Display	33.8 cm (13.3") diagonal, FHD (1920 x 1080), touch, IPS, BrightView, Corning® Gorilla® Glass 5, 400 nits, low power, 72% NTSC; 33.8 cm (13.3") diagonal, FHD (1920 x 1080), touch, IPS, anti-glare, Corning® Gorilla® Glass 5, 400 nits, low power, 72% NTSC; 33.8 cm (13.3") diagonal, FHD (1920 x 1080), touch, IPS, BrightView, Corning® Gorilla® Glass 5, 1000 nits, 72% NTSC, HP Sure View Reflect integrated privacy screen; 33.8 cm (13.3") diagonal, FHD (1920 x 1080), touch, IPS, anti-glare, Corning® Gorilla® Glass 5, 1000 nits, 72% NTSC, HP Sure View Reflect integrated privacy screen; 33.8 cm (13.3") diagonal, FHD (1920 x 1080), touch, IPS, BrightView, Corning® Gorilla® Glass 5, 250 nits, 45% NTSC [15,16,17,40]
Available Graphics	Integrated: Intel® Premium UHD Graphics[15]
Audio	Audio by Bang & Olufsen, dual stereo speakers, 3 multi array microphone
Wireless technologies	Intel® AX201 Wi-Fi 6 (2x2) and Bluetooth® 5 Combo, vPro™; Intel® AX201 Wi-Fi 6 (2x2) and Bluetooth® 5 Combo, non-vPro™; Intel® XMM™ 7360 LTE-Advanced Cat 9; Intel® XMM™ 7560 LTE-Advanced Pro Cat 16 [11,12,13,14] (Compatible with Miracast-certified devices.)
Ports and Connectors	2 USB 3.1 Type-C® with Thunderbolt™ support; 1 USB 3.1 Gen 1 (charging); 1 USB 3.1 Gen 1; 1 headphone/microphone combo; 1 HDMI 1.4b; 1 AC power[39] (HDMI cable sold separately.) Optional Ports: 1 Smartcard reader (optional); 1 SIM card slot (optional)
Input devices	HP Premium Keyboard – spill resistant, optional backlit keyboard with drain and DuraKeys[18,39]; Clickpad with image sensor, multi-touch gestures enabled, taps enabled as default; Precision Touchpad with multi-touch gesture support; Accelerometer; Gyroscope; Magnetometer; Ambient light sensor; Hall sensor
Communications	HP Module with NXP NFC Controller NPC300 I2C NCI (select models) [39];
Camera	HD camera; IR Camera (select models) [15,39]
Security management	Absolute persistence module; HP DriveLock and Automatic DriveLock; HP Secure Erase; Power-on authentication; Preboot authentication; TPM 2.0 embedded security chip shipped with Windows 10 (Common Criteria EAL4+ Certified); HP Sure Click; Windows Defender; HP BIOSphere Gen5; HP Sure Sense; BIOS Update via Network; HP Client Security Manager Gen6; HP Sure Start Gen6; HP Sure Run Gen3; HP Sure Recover Gen3[22,23,24,25,26,27,28,29,30,31,32,33,34]
Fingerprint reader	Fingerprint reader (select models)
Management features	HP Driver Packs; HP System Software Manager (SSM); HP BIOS Config Utility (BCU); HP Client Catalog; Ivanti Management Suite; HP Manageability Integration Kit Gen4[20,21]
Power	HP Smart 65 W External AC power adapter; HP Smart 45 W External AC power adapter; HP 65 W USB Type-C® slim adapter; 65 W USB Type-C® adapter[35]
Battery type	HP Long Life 3-cell, 53 Wh Li-ion
Battery life	Up to 22 hours[41]
Dimensions	30.75 x 20.5 x 1.79 cm
Weight	Starting at 1.31 kg (Weight will vary by configuration.)
Energy efficiency compliance	ENERGY STAR® certified; EPEAT® 2019 registered where applicable. EPEAT ® registration varies by country. See www.epeat.net for registration status by country.[37]
Environmental specifications	Low halogen; TCO 8.0 Certified[38]
Warranty	3 year limited parts, labor (3-3-0) warranty. Certain restrictions and exclusions apply.

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Accessories and services (not included)

HP EliteDisplay E243 60.45 cm (23.8") Monitor

Style meets substance in a strikingly modern business display crafted for optimal viewing, productivity, and ergonomics. The HP EliteDisplay E243 60.45 cm (23.8") Monitor has a 3-sided micro-edge bezel for seamless multi-display tiling and 4-way adjustability so you can comfortably power through your day. HP's best-in-class, packed with features, functionality and premiere design for the most discerning business professional
Product number: 1FH47AA

HP Executive 14.1 Slim Top Load

Take on the world in style with an HP Executive Series notebook case that provides a polished, professional look. The sleek profile and premium materials make a bold statement and keep your devices and data on lockdown. Traveling is a breeze and device-charging is easy—even from outside the bag. HP's best-in-class, packed with features, functionality and premiere design for the most discerning business professional
Product number: 6KD04AA

HP 45W Smart AC Adapter

Be productive throughout the day and keep an extra adapter on hand with the lightweight and versatile HP 45W Smart AC Adapter. HP's best-in-class, packed with features, functionality and premiere design for the most discerning business professional
Product number: H6Y88AA

HP 5 year Next Business Day Onsite Hardware Support for Notebooks

Receive 5 years of next business day onsite HW support from an HP-qualified technician for your computing device, if the issue cannot be solved remotely.
Product number: U7861E

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Messaging Footnotes

2 Percent of active plus nonactive viewing area to active viewing area plus border. Measured with lid vertical to the desk.
3 4G LTE module is optional and must be configured at the factory. Module requires activation and separately purchased service contract. Backwards compatible to HSPA 3G technologies. Check with service provider for coverage and availability in your area. Connection, upload, and download speeds will vary due to network, location, environment, network conditions, and other factors. 4G LTE not available on all products, in all regions.
4 Six core Intel® Core™ processors are optional. 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.
5 For full Intel® vPro™ functionality, Windows, a vPro enabled processor, vPro enabled Q370 chipset or higher and vPro enabled WLAN card are required. Some functionality of vPro, such as Intel Active management technology and Intel Virtualization technology, requires additional 3rd party software in order to run. Availability of future "virtual appliances" applications for Intel vPro technology is dependent on 3rd party software providers. Compatibility with future "virtual appliances" is yet to be determined.
6 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 notebook to communicate with other 802.11ax devices.
7 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.
8 HP Sure View Reflect integrated privacy screen is an optional feature that must be configured at purchase and is designed to function in landscape orientation.
9 HP Sure Sense requires Windows 10.
10 Sold separately or as an optional feature.
11 Ultra-bright display is an optional feature that requires factory configuration at purchase.
12 HP WorkWell requires Windows 10, is not available in all countries, and can be downloaded from the Windows Store.

Technical Specifications Footnotes

1 Not all features are available in all editions or versions of Window. 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/.
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, branding and/or naming 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 Intel® Turbo Boost performance varies depending on hardware, software and overall system configuration. See www.intel.com/technology/turboboost for more information.
6 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.
7 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.
8 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.
9 Intel® Optane™ memory is sold separately. Intel® Optane™ memory system acceleration does not replace or increase the DRAM in your system. Available for HP commercial desktops and notebooks and for select HP workstations (HP Z240 Tower/SFF, Z2 Mini, ZBook Studio, 15 and 17 G5) and requires a SATA HDD, 7th Gen or higher Intel® Core™ processor or Intel® Xeon® processor E3-1200 V6 product family or higher, BIOS version with Intel® Optane™ supported, Windows 10 version 1703 or higher, M.2 type 2280-S1-B-M connector on a PCH Remapped PCIe Controller and Lanes in a x2 or x4 configuration with B-M keys that meet NVMe™ Spec 1.1, and an Intel® Rapid Storage Technology (Intel® RST) 15.5 driver.
10 Intel® Optane™ memory system acceleration does not replace or increase the DRAM in your system. Requires 8th Gen or higher Intel® Core™ processor, BIOS version with Intel® Optane™ supported, Windows 10 64-bit, and an Intel® Rapid Storage Technology (Intel® RST) driver.
11 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 notebook to communicate with other 802.11ax devices.
12 WWAN module is an optional feature, requires factory configuration and requires separately purchased service contract. 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.
13 Gigabit class Category 16 4G LTE module is optional and must be configured at the factory. Module designed for up to 1 Gbps download speeds as carriers deploy 5 carrier aggregation and 100Mhz channel bandwidth, requires activation and separately purchased service contract. Backwards compatible to HSPA 3G technologies. Check with service provider for coverage and availability in your area. Connection, upload and download speeds will vary due to network, location, environment, network conditions, and other factors. 4G LTE not available on all products, in all regions.
14 Miracast is a wireless technology your PC can use to project your screen to TVs, projectors, and streaming.
15 HD content required to view HD images.
16 Resolutions are dependent upon monitor capability, and resolution and color depth settings.
17 HP Sure View integrated privacy screen is an optional feature that must be configured at purchase and functions in landscape orientation.
18 Backlit keyboard is an optional feature.
19 HP Support Assistant requires Windows and Internet access.
20 HP Driver Packs not preinstalled, however available for download at http://www.hp.com/go/clientmanagement.
21 HP Manageability Integration Kit can be downloaded from http://www8.hp.com/us/en/ads/clientmanagement/overview.html.
22 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.
24 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™.
25 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). 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).
26 HP Sure Click is available on most HP PCs and 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.
27 Windows Defender Opt in and internet connection required for updates.
28 HP BIOSphere Gen5 is available on select HP Pro and Elite PCs. See product specifications for details. Features may vary depending on the platform and configurations.
29 HP Sure Sense requires Windows 10.
30 HP Client Security Manager Gen6 requires Windows and is available on the select HP Pro and Elite PCs.
31 HP Sure Start Gen6 is available on select HP PCs with Intel processors.
32 HP Sure Run Gen3 is available on select Windows 10 based HP Pro, Elite and Workstation PCs with select Intel® or AMD processors.
33 HP Sure Recover Gen3 is available on select HP PCs and requires an open network connection. Not available on platforms with multiple internal storage drives. You must back up important files, data, photos, videos, etc. before using HP Sure Recover to avoid loss of data.
34 HP Fingerprint Reader is an optional feature and requires configuration at purchase.
35 Availability may vary by country.
36 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.
37 Based on US EPEAT® registration according to IEEE 1680.1-2018 EPEAT®. Status varies by country. Visit www.epeat.net for more information.
38 External power supplies, power cords, cables and peripherals are not Low Halogen. Service parts obtained after purchase may not be Low Halogen.
39 Optional features must be configured at the time of purchase.
40 Actual brightness will be lower with HP Sure View and touch screen.
41 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.

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