eDatasheet HP EliteBook x360 830 G7 Notebook PC (1D0E6UT)



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 Flexible and comfortable design

Your work requires the ability to jump quickly from taking notes to presenting to a group. The beautifully designed thin, light, and ergonomic 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

Do your best work on the HP EliteBook x360 830 G7 with Wi-Fi 6[6,7], long battery life, and a powerful 10th Gen Intel® Core™ processor.[4]

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]

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

Get gigabit speed Wi-Fi® with Wi-Fi 6 (802.11ax). ^[2]

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. [3]

Specifications

Processor family		
Frocessor farming	10th Generation Intel® Core™ i7 processor	
Draaaaaa	Intel® Core™ i7-10510U processor with Intel® UHD Graphics 620 (1.8 GHz base frequency, up to 4.9 GHz with Intel®	
Processor	Turbo Boost Technology, 8 MB L3 cache, 4 cores) ^[6,7]	
Memory	16 GB DDR4-2666 SDRAM (1 x 16 GB)	
Memory Slots	2 SODIMM	
Internal Storage	512 GB PCIe [®] NVMe™ SSD	
Optical drive	Not included	
Graphics	Integrated	
Graphics (integrated)	Intel® UHD Graphics 620	
Display	33.8 cm (13.3") diagonal FHD IPS BrightView WLED-backlit touch screen, 400 nits, 72% NTSC (1920 x 1080)	
Display	13.3" diagonal FHD IPS BrightView WLED-backlit touch screen, 400 nits, 72% NTSC (1920 x 1080) ^[15,16,17,40]	
Display size (diagonal)	33.8 cm (13.3")	
Display size (diagonal)	13.3"	
Audio features	Audio by Bang & Olufsen, dual stereo speakers, 3 multi array microphone	
Minimum dimensions (W x D x H)	30.75 x 20.5 x 1.79 cm	
Minimum dimensions (W x D x H)	12.1 x 8.07 x 0.71 in	
Weight	Starting at 1.31 kg (Weight will vary by configuration.)	
Weight	Starting at 2.89 lb (Weight will vary by configuration.)	
Keyboard	HP Premium Spill-resistant Backlit Keyboard	
Pointing device	Clickpad with multi-touch gesture support	
Input devices	Accelerometer; Gyroscope; Magnetometer; Ambient light sensor; Hall sensor	
Ports	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.)	
Wireless	Intel® AX201 Wi-Fi 6 (2x2) and Bluetooth® 5 Combo, non-vPro™;Near Field Communication (NFC) module;Intel® XMM™ 7360 LTE-Advanced	
Power	HP Smart 65 W EM External AC power adapter ^[35]	
Battery type	HP Long Life 3-cell, 53 Wh Li-ion	
Battery weight	0.47 lb	
Battery weight	0.21 kg	
Energy efficiency	ENERGY STAR [®] certified	
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]	
Environmental	Low halogen; TCO 8.0 Certified	
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]	
Software included	HP Connection Optimizer; HP Image Assistant; HP Hotkey Support; HP Noise Cancellation Software; HP Support Assistant; Buy Office (Sold separately); HP JumpStarts; HP WorkWell ^[19]	
UPC number	(ABA) 195122268817; (ABL) 195122268800	
Warranty	HP Services offers 3-year limited warranty and 90 day software support options depending on country and the SKU selected by the customer. 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 with HP Care Pack Services, 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. ^[36]	

Top Recommended Displays, Accessories and Services

EliteDisplays		
HP EliteDisplay E243 23.8-inch Monitor	1FH47A7	
HP EliteDisplay E243 23.8-inch Monitor	1FH47A8	
HP EliteDisplay E243 23.8-inch Monitor	1FH47AA 1FH47AS 1FH47U9 1TJ76A8 1TJ76QA 1TJ76U9 5FT13A7 5FT13AA 5FT13AA	
HP EliteDisplay E243 23.8-inch Monitor		
HP EliteDisplay E243 23.8-inch Monitor Head Only		
HP EliteDisplay E243d 23.8-inch Docking Monitor		
HP EliteDisplay E243d 23.8-inch Docking Monitor		
HP EliteDisplay E243d 23.8-inch Docking Monitor		
HP EliteDisplay E243p 23.8-inch Sure View Monitor		
HP EliteDisplay E243p 23.8-inch Sure View Monitor		
HP EliteDisplay E243p 23.8-inch Sure View Monitor		
HP EliteDisplay E243p 23.8-inch Sure View Monitor	5FT13U9	
Docking Stations		
HP USB-C Dock G5	5TW10AA	
HP USB-C/A Universal Dock G2	5TW13AA	
HP Thunderbolt Dock 120W G2	2UK37AA	
Cases		
HP Executive 14.1 Slim Top Load	6KD04AA	
Backpacks		
HP Recycled Series 15.6-inch Backpack	5KN28AA	
HP Slim Backpack	F3W16AA	
Keyboard and Mouse Kits		
HP Slim Wireless Keyboard and Mouse	T6L04AA	
Mice		
HP Bluetooth Travel Mouse	6SP30AA	
HP USB Fingerprint Mouse	4TS44AA	
AC Adapters		
HP 45W Smart AC Adapter	H6Y88AA	
PC Locks		
HP Sure Key Cable Lock	6UW42AA	
HP Nano Keyed Cable Lock	1AJ39AA	

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] 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 802.11 ax 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.

[3] 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.

[4] 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.

[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.

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.

[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.

[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.

[22] HP Automatic Drive Lock is not supported on NVMe drives.

[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.

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