

# HP EliteBook x360 830 G6 Notebook PC



## 360° of inspiration

Get more done with the freedom of x360 versatility. The ultraslim HP EliteBook x360 830 adapts to all the ways you create, connect, and collaborate—and is highly secure and easily managed for the enterprise.



HP recommends Windows 10 Pro for business

### Four brilliant use modes

- Bring flexibility to work—create, engage, share, and multitask with the HP EliteBook x360 830 and the optional HP Rechargeable Active Pen<sup>2</sup>. Powerful performance is packed into the distinctive, all-aluminum, easily serviceable design.

### Built on a secure foundation

- Protect your PC against the evolving malware threats of the future, with self-healing, hardware-enforced, and manageable security solutions from HP. Keep prying eyes from viewing your screen in open workspaces with optional HP Sure View Gen3.<sup>4</sup>

### Speak up, listen in

- Effortlessly work with your team while on the go. Crisp audio and advanced collaboration features like HP Noise Cancellation, collaboration keys, a world-facing third microphone, and loud top-firing speakers help you stay in touch.
- Power through your day with Windows 10 Pro and the powerful security, collaboration and connectivity features from HP.
- Instantly block prying eyes' ability to view your screen with optional HP Sure View Gen3 that reduces visual light when the screen is viewed from the side making it appear dark and unreadable.
- 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.
- Firmware attacks can completely devastate your PC. Stay protected with HP Sure Start Gen5, the self-healing BIOS that automatically recovers itself from attacks or corruption.
- Advanced malware can seriously disrupt your business. HP Sure Recover Gen2 ensures fast, secure, and automated recovery with only a network connection.
- To get control of your PC, attackers first need to take down its defenses. Keep critical security protections like antivirus up and running with HP Sure Run Gen2.
- Help protect your PC from websites and attachments with malware, ransomware, or viruses with hardware-enforced security

## HP EliteBook x360 830 G6 Notebook PC Specifications Table



|                                     |   |
|-------------------------------------|---|
| <b>Available Operating Systems</b>  | Windows 10 Pro 64 <sup>1</sup><br>Windows 10 Home 64 – HP recommends Windows 10 Pro for business <sup>1</sup><br>Windows 10 Home Single Language 64 <sup>1</sup><br>FreeDOS   |
| <b>Processor family<sup>6</sup></b> | 8th Generation Intel® Core™ i7 processor (i7-8565U); 8th Generation Intel® Core™ i5 processor (i5-8265U); 8th Generation Intel® Core™ i7 processor (i7-8665U); 8th Generation Intel® Core™ i5 processor (i5-8365U)  |
| <b>Available Processors</b>         | Intel® Core™ i7-8565U with Intel® UHD Graphics 620 (1.8 GHz base frequency, up to 4.6 GHz with Intel® Turbo Boost Technology, 8 MB L3 cache, 4 cores); Intel® Core™ i5-8265U with Intel® UHD Graphics 620 (1.6 GHz base frequency, up to 3.9 GHz with Intel® Turbo Boost Technology, 6 MB L3 cache, 4 cores); Intel® Core™ i7 8665U vPro™ processor with Intel® UHD Graphics 620 (1.8 GHz base frequency, up to 4.8 GHz with Intel® Turbo Boost Technology, 8 MB L3 cache, 4 cores); Intel® Core™ i5 8365U vPro™ processor with Intel® UHD Graphics 620 Graphics (1.6 GHz base frequency, up to 4.1 GHz with Intel® Turbo Boost Technology, 6 MB L3 cache, 4 cores)           |
| <b>Maximum memory</b>               | 32 GB DDR4-2400 SDRAM <sup>7</sup><br>Both slots are customer accessible/upgradeable. Supports dual channel memory.   |
| <b>Memory slots</b>                 | 2 SODIMM  |
| <b>Internal storage</b>             | up to 512 GB Intel® PCIe® NVMe™ QLC M.2 SSD with 32 GB Intel® Optane™ memory H10 <sup>8,37,38</sup><br>256 GB up to 2 TB PCIe® Gen3x4 NVMe™ M.2 SSD TLC <sup>8</sup><br>up to 512 GB M.2 SATA FIPS 140-2 SSD TLC <sup>8</sup><br>up to 512 GB PCIe® Gen3x4 NVMe™ M.2 SED SSD TLC <sup>8</sup><br>up to 512 GB PCIe® M.2 Value SSD <sup>8</sup><br>up to 256 GB PCIe® NVMe™ Value M.2 SSD <sup>8</sup><br>up to 256 GB M.2 SATA-3 SED SSD <sup>8</sup><br>up to 128 GB M.2 SATA-3 SSD TLC <sup>8,39</sup>  |
| <b>Display</b>                      | 33.8 cm (13.3") diagonal FHD IPS anti-glare WLED-backlit touch screen with Corning® Gorilla® Glass 5 and HP Sure View Integrated Privacy Screen, 1000 nits, 72% NTSC (1920 x 1080); 33.8 cm (13.3") diagonal FHD IPS BrightView WLED-backlit touch screen with Corning® Gorilla® Glass 5 with HP Sure View Integrated Privacy Screen, 1000 nits, 72% NTSC (1920 x 1080); 33.8 cm (13.3") diagonal FHD IPS BrightView WLED-backlit touch screen with Corning® Gorilla® Glass 5, 250 nits, 45% NTSC (1920 x 1080); 33.8 cm (13.3") diagonal FHD IPS BrightView WLED-backlit touch screen with Corning® Gorilla® Glass 5, 400 nits, 72% NTSC (1920 x 1080) <sup>9,15,16,17</sup> |
| <b>Available Graphics</b>           | Integrated: Intel® UHD Graphics 620 <sup>15</sup><br>(Support HD Decode, DX12, HDMI 1.4b and HDCP 2.2.)   |
| <b>Audio</b>                        | Bang & Olufsen, dual stereo speakers, 3 multi array microphone  |
| <b>Wireless technologies</b>        | Intel® Dual Band Wireless-AC 9560 802.11 a/b/g/n/ac (2x2) Wi-Fi® and Bluetooth® 5 Combo, vPro™; Intel® Dual Band Wireless-AC 9560 802.11 a/b/g/n/ac (2x2) Wi-Fi® and Bluetooth® 5 Combo, non-vPro™; Intel® XMM™ 7360 LTE-Advanced Cat 9; Intel® XMM™ 7560 LTE-Advanced Pro Cat 16; Intel® XMM™ 7262 LTE-Advanced Cat 6; Intel® AX200 Wi-Fi 6 (2x2) and Bluetooth® 5 Combo, vPro™; Intel® AX200 Wi-Fi 6 (2x2) and Bluetooth® 5 Combo, non-vPro™ <sup>9,10,11,12,13</sup><br>(Compatible with Miracast-certified devices.)  |
| <b>Ports and Connectors</b>         | 2 USB 3.1 Type-C™ with Thunderbolt™ support; 2 USB 3.1 Gen 1 (1 charging); 1 Smartcard reader; 1 HDMI 1.4b; 1 headphone/microphone combo; 1 External Nano SIM slot for WWAN; 1 AC power <sup>14</sup><br>(Cables are not included.)   |
| <b>Input devices</b>                | HP Premium Collaboration Keyboard, backlit and spill-resistant with drain; Clickpad with multi-touch gesture support, taps enabled as default; Precision Touchpad with multi-touch gesture support; Ambient light sensor <sup>9</sup>   |
| <b>Communications</b>               | HP Module with NXP NFC Controller NPC300 I2C NCI <sup>9</sup> ;   |
| <b>Camera</b>                       | HD camera; HD IR webcam <sup>15</sup>   |
| <b>Available Software</b>           | HP Connection Optimizer; HP Hotkey Support; HP Image Assistant; HP JumpStart; HP Noise Cancellation Software; Native Miracast support; Buy Office (Sold separately) <sup>13,18</sup>  |
| <b>Security management</b>          | Absolute persistence module; HP DriveLock and Automatic DriveLock; HP Fingerprint Sensor; 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 Sure Start Gen5; HP Sure Run Gen2; HP Sure Recover Gen2; HP BIOSphere Gen5; HP Client Security Gen5; HP Sure Sense <sup>21,22,23,24,25,26,27,28,29,30,31,36</sup>   |
| <b>Management features</b>          | HP Driver Packs; HP System Software Manager (SSM); HP BIOS Config Utility (BCU); HP Client Catalog; HP Manageability Integration Kit Gen3 <sup>19,20</sup>  |
| <b>Power</b>                        | HP Smart 65 W External AC power adapter; HP Smart 65 W USB Type-C™ adapter; HP Smart 45 W External AC power adapter; HP Smart 45 W USB Type-C™ adapter <sup>31</sup>  |
| <b>Battery type</b>                 | HP Long Life 4-cell, 53 Wh Li-ion   |
| <b>Dimensions</b>                   | 30.66 x 21.52 x 1.69 cm   |
| <b>Weight</b>                       | Starting at 1.35 kg (Weight will vary by configuration.)  |
| <b>Ergonomic features</b>           | ##displaytiltswiv##   |
| <b>Energy efficiency compliance</b> | ENERGY STAR® certified; EPEAT® 2019 Silver <sup>34</sup>  |
| <b>Environmental specifications</b> | Low halogen; TCO 8.0 Certified; Xyzmo Certification for digital signature <sup>35</sup>   |
| <b>Warranty</b>                     | 3 year limited parts, labor (3-3-0) warranty. Certain restrictions and exclusions apply.  |

## HP EliteBook x360 830 G6 Notebook PC

### Accessories and services (not included)

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#### HP EliteDisplay E243d 23.8-inch Docking Monitor



Make the most of your desk with streamlined USB-C™1, network, and accessory connectivity, plus a pop-up HD webcam, with the HP EliteDisplay E243d 23.8-inch Docking Monitor, our most advanced 23.8" docking display. HP's best-in-class, packed with features, functionality and premiere design for the most discerning business professional HP's extensive range of notebook PCs enable increased productivity and efficiency, by providing the perfect combination of built-in mobility features to match the particular needs of individuals from businesses large and small.  
**Product number: 1TJ76AA**

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#### HP Prelude Backpack 15.6



Help keep your notebook safe and your hands free while you're on the move with the durable HP 15.6 Prelude Backpack, now with a pop of color from the stylish blue interior. HP's best-in-class, packed with features, functionality and premiere design for the most discerning business professional HP's extensive range of notebook PCs enable increased productivity and efficiency, by providing the perfect combination of built-in mobility features to match the particular needs of individuals from businesses large and small.  
**Product number: 2MW63AA**

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#### 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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## HP EliteBook x360 830 G6 Notebook PC

### Messaging Footnotes

- <sup>1</sup> 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>.
- <sup>2</sup> Sold separately or as an optional feature.
- <sup>4</sup> HP Sure View Gen3 integrated privacy screen is an optional feature that must be configured at purchase and is designed to function in landscape orientation.
- <sup>5</sup> HP Sure Sense requires Windows 10. See product specifications for availability.
- <sup>6</sup> HP Sure Start Gen5 is available on select HP PCs with Intel processors. See product specifications for availability.
- <sup>7</sup> HP Sure Recover Gen2: See product specifications for availability. Requires an open, wired 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. HP Sure Recover (Gen1) does not support platforms with Intel® Optane™.
- <sup>8</sup> HP Sure Run Gen2: See product specifications for availability.
- <sup>9</sup> HP Sure Click is available on select HP platforms and supports Microsoft Internet Explorer, Google Chrome™, 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.
- <sup>10</sup> Ultra-bright display is an optional feature that must be installed at the factory.
- <sup>11</sup> HP Privacy Camera only available PCs equipped with HD or IR camera and must be installed at the factory.
- <sup>12</sup> HP Multi Factor Authenticate Gen3 is available on select HP PCs and requires Intel® Core™ processor, Intel® integrated graphics, and Intel® WLAN. Three authentication factors requires Intel® vPro. Authentication factors may require optional hardware.

### Technical Specifications Footnotes

- <sup>1</sup> 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/>.
- <sup>3</sup> 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.
- <sup>4</sup> Processor speed denotes maximum performance mode; processors will run at lower speeds in battery optimization mode.
- <sup>5</sup> Intel® Turbo Boost performance varies depending on hardware, software and overall system configuration. See [www.intel.com/technology/turboboost](http://www.intel.com/technology/turboboost) for more information.
- <sup>6</sup> 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>.
- <sup>7</sup> 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.
- <sup>8</sup> 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.
- <sup>9</sup> Sold separately or as an optional feature.
- <sup>10</sup> 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.
- <sup>11</sup> 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.
- <sup>12</sup> 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.
- <sup>13</sup> Miracast is a wireless technology your PC can use to project your screen to TVs, projectors, and streaming.
- <sup>14</sup> SIM slot is not user accessible without WWAN configuration.
- <sup>15</sup> HD content required to view HD images.
- <sup>16</sup> Resolutions are dependent upon monitor capability, and resolution and color depth settings.
- <sup>17</sup> HP Sure View G3 integrated privacy screen is an optional feature that must be configured at purchase and is designed to function in landscape orientation.
- <sup>18</sup> HP Support Assistant requires Windows and Internet access.
- <sup>19</sup> HP Driver Packs not preinstalled, however available for download at <http://www.hp.com/go/clientmanagement>.
- <sup>20</sup> HP Manageability Integration Kit can be downloaded from <http://www.hp.com/go/clientmanagement>.
- <sup>21</sup> 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.
- <sup>23</sup> HP Fingerprint Sensor sold separately or as an optional feature.
- <sup>24</sup> 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™.
- <sup>25</sup> HP Sure Click is available on select HP platforms and supports Microsoft Internet Explorer, Google Chrome™, 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.
- <sup>26</sup> Windows Defender Opt in and internet connection required for updates.
- <sup>27</sup> HP Sure Start Gen5 is available on select HP PCs with Intel processors. See product specifications for availability.
- <sup>28</sup> HP Sure Run Gen2: See product specifications for availability.
- <sup>29</sup> HP Sure Recover Gen2: See product specifications for availability. Requires an open, wired 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. HP Sure Recover (Gen1) does not support platforms with Intel® Optane™.
- <sup>30</sup> 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.
- <sup>31</sup> HP Client Security Manager Gen5 requires Windows and is available on the select HP Pro and Elite PCs. See product specifications for details.
- <sup>32</sup> Availability may vary by country.
- <sup>33</sup> 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](http://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.
- <sup>34</sup> Based on US EPEAT® registration according to IEEE 1680.1-2018 EPEAT®. Status varies by country. Visit [www.epeat.net](http://www.epeat.net) for more information.
- <sup>35</sup> External power supplies, power cords, cables and peripherals are not Low Halogen. Service parts obtained after purchase may not be Low Halogen.
- <sup>36</sup> HP Sure Sense requires Windows 10. See product specifications for availability.
- <sup>37</sup> 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.
- <sup>38</sup> Intel® Optane™ memory H10 only for Intel® PCIe® NVMe™ QLC M.2 SSD.
- <sup>39</sup> Not allowed with eMMC base unit.

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