

# HP EliteBook 830 G6 Notebook PC (6XE59EA)



## The standout business PC

Uniquely designed for the modern mobile professional, the HP EliteBook 830 is a highly secure and manageable PC offering powerful collaboration tools, enabling the enterprise workforce to be more productive and secure on the go or in the office.

HP recommends Windows 10 Pro.

### Brilliant design

Balance design, power, and mobility with this ultraslim distinctively designed aluminum laptop with a narrow border display. This light and compact PC is built for the professional who requires top performance while on the go.

### Built on a secure foundation

Protect your PC against the evolving malware threats of the future, with self-healing, hardware-enforced, manageable security solutions from HP. From the BIOS to the browser HP Sure Start Gen5[4] and HP Sure Click[5] help secure your PC.

### Crystal-clear collaboration

Calls sound clear and crisp with advanced collaboration features like HP Noise Cancellation. Loud top-firing speakers produce rich sound. The world-facing third microphone and collaboration keys help make PC calls productive.

## 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 an 8th Gen quad-core Intel® Core™ processor. [2]

### Fast and efficient wireless LAN

Get gigabit speed Wi-Fi® with Wi-Fi 6 (802.11ax). [3]

### Automatic recovery from firmware attacks

Firmware attacks can completely devastate your PC. Stay protected with HP's self-healing BIOS - HP Sure Start Gen5 automatically recovers the BIOS from malware, rootkits, or corruption.

### Preserve your privacy

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

## Specifications

<b>Operating system</b>	Windows 10 Pro 64
<b>Processor family</b>	8th Generation Intel® Core™ i5 processor
<b>Processor</b>	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 cache, 4 cores) <sup>[6,7]</sup>
<b>Memory</b>	8 GB DDR4-2400 SDRAM (1 x 8 GB)
<b>Memory Slots</b>	2 SODIMM
<b>Internal Storage</b>	256 GB PCIe® NVMe™ M.2 SSD
<b>Graphics</b>	Integrated
<b>Graphics (integrated)</b>	Intel® UHD Graphics 620
<b>Display</b>	33.8 (13.3") diagonal FHD IPS anti-glare WLED-backlit, 250 nits, 45% NTSC (1920 x 1080)
<b>Display</b>	13.3" diagonal FHD IPS anti-glare WLED-backlit, 250 nits, 45% NTSC (1920 x 1080) <sup>[14,16,17,18]</sup>
<b>Display size (diagonal)</b>	33.8 cm (13.3")
<b>Display size (diagonal)</b>	13.3"
<b>Audio features</b>	Bang & Olufsen, dual stereo speakers, 3 multi array microphone
<b>Minimum dimensions (W x D x H)</b>	31.04 x 22.93 x 1.77 cm
<b>Minimum dimensions (W x D x H)</b>	12.22 x 9.03 x 0.7 in
<b>Weight</b>	Starting at 1.33 kg (Weight will vary by configuration.)
<b>Weight</b>	Starting at 2.94 lb (Weight will vary by configuration.)
<b>Keyboard</b>	HP Premium Collaboration Keyboard, spill-resistant, backlit
<b>Pointing device</b>	Clickpad with multi-touch gesture support
<b>Input devices</b>	Ambient light sensor
<b>Camera</b>	HD Privacy IR webcam
<b>Ports</b>	2 USB 3.1 Gen 1 (1 charging); 1 Thunderbolt™ (USB Type-C™ connector); 1 RJ-45; 1 headphone/microphone combo; 1 HDMI 1.4; 1 docking connector; 1 AC power (Cables are not included.)
<b>Wireless</b>	Intel® AX200 Wi-Fi 6 (2x2) and Bluetooth® 5 Combo, non-vPro™
<b>Power</b>	65 W USB Type-C™ adapter <sup>[34,35]</sup>
<b>Battery type</b>	HP Long Life 3-cell, 50 Wh Li-ion
<b>Battery weight</b>	0.42 lb
<b>Battery weight</b>	0.19 kg
<b>Energy efficiency</b>	ENERGY STAR® certified
<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>[21,22]</sup>
<b>Environmental</b>	Low halogen; TCO 8.0 Certified
<b>Security management</b>	Absolute persistence module; HP DriveLock and Automatic DriveLock; HP Fingerprint Sensor; 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>[23,24,25,26,27,28,29,30,31,32,33,39]</sup>
<b>Warranty</b>	HP Services offers 1-year limited warranties and 90 day software 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. Refer to <a href="http://www.hp.com/support/batterywarranty/">http://www.hp.com/support/batterywarranty/</a> for additional battery information. 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. To choose the right level of service for your HP product, use the HP Care Pack Services Lookup Tool at: <a href="http://www.hp.com/go/cpc">http://www.hp.com/go/cpc</a> . <sup>[36]</sup>

## Accessories and services

No Recommended Accessories and Services

## 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] 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.

[5] Intel® Quad 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.

## 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 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

[14] HD content required to view HD images.

[16] Sold separately or as an optional feature.

[17] Resolutions are dependent upon monitor capability, and resolution and color depth settings.

[18] 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.

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

[22] HP Manageability Integration Kit can be downloaded from <http://www.hp.com/go/clientmanagement>.

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

[25] HP Fingerprint Sensor sold separately or as an optional feature.

[26] 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).re 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).

[27] 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.

[28] Windows Defender Opt in and internet connection required for updates.

[29] HP Sure Start Gen5 is available on select HP PCs with Intel processors. See product specifications for availability.

[30] HP Sure Run Gen2: See product specifications for availability.

[31] 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™.

[32] 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.

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