ProductSheet
# HP EliteBook 840 14 inch G9 Notebook PC (6J176UT)

## Redefine corporate standards

Remove barriers to hybrid work with the HP EliteBook 840. This enterprise business laptop brings new conferencing capabilities powered by HP Presence[3], productivity, and security that is easily managed in hybrid work environments.

HP recommends Windows 11 Pro for business

**5MP camera with HP Auto Frame[8]**
Connect with people in a more personal way with conferencing features built into the HP EliteBook 840.

**14-inch diagonal 16:10 display**
Performance continues to improve with new technology that powers the HP EliteBook 840.

**Adjusts to its environment**
HP Context Aware provides AI based optimization to maximize performance, comfort, and responsiveness.[7]

### Featuring

**Windows 11**
Work anywhere without compromising on performance or security with Windows 11 powered by HP's collaboration and connectivity technology.

**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. [1]

**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. [2]

## Specifications

| | |
|---|---|
| **Operating system** | Windows 11 Pro |
| **Processor family** | 12th Generation Intel® Core™ i7 processor |
| **Processor** | Intel® Core™ i7-1280P (up to 4.8 GHz with Intel® Turbo Boost Technology, 24 MB L3 cache, 14 cores, 20 threads)[6,7] |
| **Memory** | 16 GB DDR5-4800 MHz RAM (2 x 8 GB) |
| **Memory Slots** | 2 SODIMM |
| **Internal Storage** | 512 GB PCIe® NVMe™ TLC SSD |
| **Optical drive** | Not included |
| **Graphics** | Integrated |
| **Graphics (integrated)** | Intel® Iris® X$^e$ Graphics |
| **Display** | 14" diagonal, WUXGA (1920 x 1200), IPS, anti-glare, 400 nits, 100% sRGB[16,17,18,19] |
| **Display size (diagonal)** | 14" |
| **Audio** | Audio by Bang & Olufsen, dual stereo speakers, dual array world-facing microphones |
| **Minimum dimensions (W x D x H)** | 31.56 x 22.4 x 1.92 cm |
| **Minimum dimensions (W x D x H)** | 12.42 x 8.82 x 0.76 in |
| **Weight** | Starting at 1.36 kg<br>*(Weight will vary by configuration.)* |
| **Weight** | Starting at 2.99 lb<br>*(Weight will vary by configuration.)* |
| **Keyboard** | HP Premium Keyboard – spill-resistant, backlit keyboard |
| **Pointing device** | Clickpad with multi-touch gesture support, taps enabled as default |
| **Camera** | 5 MP camera |
| **Ports** | 2 Thunderbolt™ 4 with USB4™ Type-C® 40Gbps signaling rate (USB Power Delivery, DisplayPort™ 1.4); 2 SuperSpeed USB Type-A 5Gbps signaling rate (1 charging); 1 HDMI 2.0; 1 AC power[12]<br>*(HDMI cable sold separately.)* |
| **Wireless** | Intel® Wi-Fi 6E AX211 (2x2) and Bluetooth® 5.2 combo (Supporting Gigabit data rate) |
| **Power** | 65 W USB Type-C™ adapter[35] |
| **Battery type** | HP Long Life 3-cell, 51 Wh Li-ion |
| **Management features** | HP Client Management Script Library (download); HP Driver Packs (download); HP Manageability Integration Kit Gen4 (download); HP Image Assistant Gen5 (download); HP Patch Assistant (download); HP Cloud Recovery; HP Connect for Microsoft Endpoint Manager[21,22,39,40,41] |
| **Sustainable impact specifications** | Low Halogen |
| **Security management** | Absolute persistence module; HP DriveLock and Automatic DriveLock; HP Secure Erase; HP Sure Click; HP Sure Sense; BIOS Update via Network; HP Sure Admin; HP BIOSphere Gen6; HP Client Security Manager Gen7; Secured-core PC capable; TPM 2.0 embedded security chip (Common Criteria EAL4+ and FIPS 140-2 Level 2 Certified); HP Sure Start Gen7; HP Wake on WLAN; HP Tamper Lock; HP Sure Run Gen5; HP Sure Recover Gen5[23,24,26,27,28,29,30,31,33,45] |
| **Software included** | HP Connection Optimizer; HP Image Assistant; HP Hotkey Support; HP MAC Address Manager; HP Support Assistant; HP Easy Clean; HP Power Manager; myHP; HP Privacy Settings; Touchpoint Customizer for Commercial; HP Notifications; HP QuickDrop; Tile App; HP Quick Touch; HP PC Hardware Diagnostics Windows[20,33,34] |
| **UPC number** | 196786015908 |
| **Manufacturer Warranty** | 1-year warranty and 90 day software limited warranty options depending on country. Batteries have a default one year limited warranty. Refer to http://www.hp.com/support/batterywarranty/ 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: http://www.hp.com/go/cpc . [37] |

## Top Recommended Displays, Accessories and Services

**Z Displays**

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|---|---|
| HP Z27q G3 QHD Display | 1C4Z7AA |

**E-Series**

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|---|---|
| HP E27 G4 FHD Monitor | 9VG71AA |
| HP E27q G4 QHD Monitor | 9VG82AA |

**Docking Stations**

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|---|---|
| HP Thunderbolt Dock G2 with Combo Cable | 3TR87AA |

**Cases**

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|---|---|
| HP Prelude Pro 15.6-inch Recycled Top Load | 1X645AA |

**Keyboard and Mouse Kits**

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|---|---|
| HP 235 Wireless Mouse and Keyboard Combo | 1Y4D0AA |

**Mice**

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|---|---|
| HP 635 Multi-Device Wireless Mouse | 1D0K2AA |
| HP Bluetooth Travel Mouse | 6SP30AA |

**Keyboards**

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|---|---|
| HP 975 Dual-Mode Wireless Keyboard | 3Z726AA |

**AC Adapters**

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|---|---|
| HP 65W USB-C Slim Travel Power Adapter | 3PN48AA |

**Headsets**

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|---|---|
| HP Stereo USB Headset G2 | 428K6AA |
| HP Stereo 3.5mm Headset G2 | 428K7AA |

**Personal Systems Hardware Support Onsite Service**

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|---|---|
| HP 3 year Next Business Day Response Onsite Notebook Hardware Support | U4391E |

**Personal Systems Commercial Care Pack Services**

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|---|---|
| HP 3 year Active Care Next Business Day Response Onsite w/Accidental Damage Protection NB HW Supp | U17Y6E |

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## Messaging Footnotes

[1] 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.

[2] 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.

[3] HP Presence requires the myHP application and Windows OS.

[7] Available on select HP PCs with Windows 10 and higher and Intel processors.

[8] Requires the myHP application and Windows OS.

## 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.

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

[16] HD content required to view HD images.

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

[18] 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.

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

[20] HP Support Assistant requires Windows and Internet access.

[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 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/

[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™.

[26] HP Sure Click requires Windows 10 Pro or higher or Enterprise. See https://bit.ly/2PrLT6A_SureClick for complete details.

[27] HP Sure Sense is available on select HP PCs with Windows 10 Pro, Windows 10 Enterprise, Windows 11 Pro, or Windows 11 Enterprise OS.

[28] HP Sure Start Gen7 is available on select HP PCs and requires Windows 10 and higher.

[29] HP Sure Run Gen5 is available on select HP PCs and requires Windows 10 and higher.

[30] HP Sure Recover Gen5 with Embedded Reimaging is an optional feature which requires Windows 10 and must be configured at purchase. You must back up important files, data, photos, videos, etc. before use to avoid loss of data. Network based recovery using Wi-Fi is only available on PC's with Intel Wi-Fi Module.

[31] HP Sure Admin requires Windows 10 or higher, HP BIOS, HP Manageability Integration Kit from http://www.hp.com/go/clientmanagement and HP Sure Admin Local Access Authenticator smartphone app from the Android or Apple store.

[33] Some Tile features require optional subscription to Tile Premium. Tile application for Windows 10 available for download from the Windows Store. Mobile phone app available for download from App Store and Google Play. Requires iOS 11 and greater or Android 6.0 and greater see https://support.thetileapp.com/hc/en-us/articles/200424778 for more information. Tile will function as long as the PC has battery power.

[34] HP Quick Drop requires Internet access and Windows 10 or higher 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.

[35] Availability may vary by country.

[37] Based on US EPEAT® registration according to IEEE 1680.1-2018 EPEAT®. Status varies by country. Visit www.epeat.net for more information.

[39] HP Patch Assistant available on select HP PCs with the HP Manageability Kit that are managed through Microsoft System Center Configuration Manager. HP Manageability Integration Kit can be downloaded from http://www8.hp.com/us/en/ads/clientmanagement/overview.html .

[40] HP Cloud Recovery is available for Z by HP, HP Elite and Pro desktops and laptops PCs with Intel® or AMD processors and requires an open, wired network