



HP Sales Central

HP EliteBook 840 14 inch G9 Notebook PC (6K659PA)

Active as of 20/05/2022



Overview

Redefine corporate standards

Remove barriers to hybrid work with the HP EliteBook 840. This enterprise business laptop brings new conferencing capabilities powered by HP Presence³, productivity, and security that is easily managed in hybrid work environments.

Remove barriers to hybrid workstyles in your enterprise business with easily managed conferencing powered by HP Presence³, productivity, and security features on 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

5MP camera with HP Auto Frame⁸

Connect with people in a more personal way with conferencing features built into the HP EliteBook 840.

Specifications

Operating system

Windows 10 Pro (available through downgrade rights from Windows 11 Pro)^{1,2,1}

Processor family

12th Generation Intel® Core™ i5 processor

Processor

Intel® Core™ i5-1245U (up to 4.4 GHz with Intel® Turbo Boost Technology, 12 MB L3 cache, 10 cores, 12 threads)^{6,7,1}

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

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

Memory

16 GB DDR5-4800 MHz RAM (1 x 16 GB)

Memory layout (slots & size)

1 x 16 GB

Memory Slots

2 SODIMM

Internal Storage

256 GB PCIe® NVMe™ SSD

Hard drive (2nd)

256 GB PCIe® NVMe™ TLC SSD

Optical drive

Not included

Display

35.6 cm (14") diagonal, WUXGA (1920 x 1200), IPS, anti-glare, 250 nits, 45% NTSC

Display size (diagonal)

35.6 cm (14")

Graphics

Integrated

Graphics (integrated)

Intel® Iris® Xe Graphics

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

(HDMI cable sold separately.)

3

Camera

5 MP camera

Audio

Audio by Bang & Olufsen, dual stereo speakers, dual array world-facing microphones

Pointing device

Clickpad with multi-touch gesture support, taps enabled as default

Keyboard

HP Premium Keyboard – spill-resistant, backlit keyboard

Wireless

Intel® Wi-Fi 6E AX211 (2x2) and Bluetooth® 5.2 combo (Supporting Gigabit data rate)

Power

45 W USB Type-C™ adapter

Battery type

HP Long Life 3-cell, 51 Wh Li-ion

Minimum dimensions (W x D x H)

31.56 x 22.4 x 1.92 cm

Weight

Starting at 1.36 kg

UPC number

196786122200

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 Windows²⁰

33

34 1

Manufacturer Warranty

1 year (1/1/1) limited warranty includes 1 year of parts, labor and on-site repair. Terms and conditions vary by country. Certain restrictions and exclusions apply.^{37 1}

Overview

- 1 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 is automatically updated and enabled. High speed internet and Microsoft account required. ISP fees may apply and additional requirements may apply over time for updates. See <http://www.windows.com>. This system is preinstalled with Windows 10 Pro software and also comes with a license for Windows 11 Pro software and provision for recovery software. You may only use one version of the Windows software at a time. Switching between versions will require you to uninstall one version and install the other version. You must back up all data (files, photos, etc.) before uninstalling and installing operating systems to avoid loss of your data.
- 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 802.11ax 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.
- 3 HP Presence requires the myHP application and Windows OS.
- 4 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.
- 7 Available on select HP PCs with Windows 10 and higher and Intel processors.
- 8 Requires the myHP application and Windows OS.

Specifications

- 1 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 is automatically updated and enabled. High speed internet and Microsoft account required. ISP fees may apply and additional requirements may apply over time for updates. See <http://www.windows.com>.
- 2 This system is preinstalled with Windows 10 Pro software and also comes with a license for Windows 11 Pro software and provision for recovery software. You may only use one version of the Windows software at a time. Switching between versions will require you to uninstall one version and install the other version. You must back up all data (files, photos, etc.) before uninstalling and installing operating systems to avoid loss of your data.
- 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.
- 20 HP Support Assistant requires Windows and Internet access.
- 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.
- 37 Based on US EPEAT® registration according to IEEE 1680.1-2018 EPEAT®. Status varies by country. Visit www.epeat.net for more information.

Detailed Specifications

Accessories

HP Thunderbolt Dock 120W G2 2UK37AA; HP 65W Slim AC Adapter H6Y82AA; HP Wireless Rechargeable 950MK Mouse and Keyboard 3M165AA; HP Stereo USB Headset T1A67AA; HP Business Backpack (up to 17.3") 2SC67AA

Audio

Audio by Bang & Olufsen, dual stereo speakers, dual array world-facing microphones

Available software

HP Smart Support

Available software footnote number

[57]

Battery brand

HP

Battery capacity

51

Battery capacity uom

Wh

Battery cells number

3

Battery life

Long Life

Battery life note

Battery is internal and not replaceable by customer. Serviceable by warranty.

Battery type

HP Long Life 3-cell, 51 Wh Li-ion

Battery type

Li-ion

Bluetooth version

Bluetooth® 5.2

Brightness

250 nits

Camera

5 MP camera

Camera resolution

5

Camera resolution uom

MP

Certifications and compliances

GS Mark

Code name

Warpath 14

Color gamut

45% NTSC

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Datasheet photo 1

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Datasheet photo 2

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Datasheet photo 5

AHID/cc29758ff35e6d96178b662ff57988b7eaf231f4

Display

14" diagonal WUXGA display

Display

14" diagonal, WUXGA (1920 x 1200), IPS, anti-glare, 250 nits, 45% NTSC

Display

35.6 cm (14") diagonal WUXGA display

Display

35.6 cm (14") diagonal, WUXGA (1920 x 1200), IPS, anti-glare, 250 nits, 45% NTSC

Display brightness

250

Display brightness uom

nits

Display footnote number

[16,17,18,19]

Display panel technology

IPS

Display resolution (pixels)

1920 x 1200

Display resolution standard

WUXGA

Display size (diagonal)

35.6 cm (14")

Display size (diagonal) uom

"

Display size (diagonal, imperial)

14

Display size (diagonal, metric)

35.6

Display size (diagonal, metric) uom

cm

Display surface treatment

anti-glare

ECC memory

non-ECC

External I/O ports footnote number

[12]

Fingerprint reader

Fingerprint sensor

Graphics

Integrated

Graphics (integrated)

Intel® Iris® Xe Graphics

Hard drive (2nd)

256 GB PCIe® NVMe™ TLC SSD

Image legal disclaimer

Product image may differ from actual product

Internal Storage

256 GB PCIe® NVMe™ SSD

Keyboard

HP Premium Keyboard – spill-resistant, backlit keyboard

Keyboard backlight

backlit

Keyboard features

Spill-resistant

Keyboard name

HP Premium Keyboard

Legal tagline

HP recommends Windows 11 Pro for business

Manageability features footnote number

[21,22,39,40,41]

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

Manufacturer Warranty

1 year (1/1/1) limited warranty includes 1 year of parts, labor and on-site repair. Terms and conditions vary by country. Certain restrictions and exclusions apply.

Memory

16 GB DDR5-4800 MHz RAM (1 x 16 GB)

Memory and storage

16 GB memory; 512 GB SSD storage

Memory layout (slots & size)

1 x 16 GB

Memory module type

DIMM

Memory size

16

Memory size uom

GB

Memory Slots

2 SODIMM

Memory speed

4800

Memory speed uom

MHz

Memory type

DDR5

Minimum dimensions (W x D x H)

31.56 x 22.4 x 1.92 cm

Number of memory slots

1

Operating system

Windows 10 Pro (available through downgrade rights from Windows 11 Pro)

Operating system footnote number

[1,2]

Optical drive

Not included

Pointing device

Clickpad with multi-touch gesture support, taps enabled as default

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

Ports note

HDMI cable sold separately.

Power

45 W USB Type-C™ adapter

Power supply required footnote number

[35]

Processor

Intel® Core™ i5-1245U (up to 4.4 GHz with Intel® Turbo Boost Technology, 12 MB L3 cache, 10 cores, 12 threads)

Processor Brand

Intel®

Processor cache

12 MB L3

Processor core

10

Processor family

12th Generation Intel® Core™ i5 processor

Processor family

Core™ i5

Processor frequency technology

Intel® Turbo Boost Technology

Processor generation

12th Generation

Processor maximum frequency

4.4

Processor maximum frequency uom

GHz

Processor model

1245U

Processor name footnote number

[6,7]

Processor threads

12

Product brand name

HP

Product long name specifications

HP EliteBook 840 14 inch G9 Notebook PC, 14", Windows 10 Pro (available through downgrade rights from Windows 11 Pro), Intel® Core™ i5, 16GB RAM, 256GB SSD, WUXGA

Product short name specifications

HP EliteBook 840 14 inch G9 Notebook PC, 14", Intel® Core™ i5, 16GB RAM, 256GB SSD

Sales office and telephone number

Albania: +49 89 9396 1803; Algeria: +213 (0) 61 68 23 00; Austria: +43 (0) 810 00 60 80; Bahrain: 800 171; Belgium: +32 (02) 729 71 11; Bulgaria: +359 2 969 87; Bosnia-Herzegovina: +49 89 9396 1803; Commonwealth of Independent States (CIS): +(095) 923 50 01; Croatia: +385 1 606 02 00; Czech Republic: +420 261 108 108; Denmark: +45 48 12 10 00; HP East Africa, Authorized Consultant: +254 20 27 16 111; Egypt: HP +202 792 5070 ; Estonia: +372 6 813 820; Finland: HP Myyntipalvelu 010 217 2700; France: +33 (0) 826 800 400; Germany: +49 (0) 180 532 62 22; Greece: +30 801 11 22 55 47; Hungary: +36 (1) 382 11 11; Iceland: +354 (1) 67 10 00; Ireland: +353 1 615 82 00; Israel: +972 9 830 48 48; Italy: Prodotti +39 02 92607 330, Servizio HP Care Pack: +39 02 9212 2040; Kazakhstan & Kyrgyzstan: +7 327 2 58 43 43;

Latvia: +371 703 07 00; Lithuania: +370 5 2103 300; Luxembourg : (+352) 263 160 34 Macedonia: +49 89 9396 1803; Malta: +49 89 9396 1803; Middle East (Within UAE Toll Free): 800 45 20; Moldova: +49 89 9396 1803; Morocco (African Region): Call Centre +212 22 40 47 47, HP Sale Office +212 22 97 37 37/+212 22 43 64 00; Netherlands: 0800 266 7272; Nigeria: + 234 13 205 241/3; Norway: +47 24 09 70 00; Poland: 0 801 522 622 and/or 00 48 22 565 77 00 (calls are charged at national rates); Portugal: +351 808 200 808 (end user welcome desk for commercial products) ; Romania: +40 (21) 303 83 00; Saudi Arabia: (Toll free) 800 897 14 33, Office Number: +96612731200; Serbia and Montenegro: +381 11 201 99 00; Slovakia: 0800 147 147; Slovenia: +386 1 230 74 20; Spain: +34 (91) 631 16 00; Sweden: +46 200 27 00 00; Switzerland: Pre-sales/product information +41 (0) 848 88 44 66, Spare parts, manuals +41 (0) 848 84 74 64; Tunisia: +216 1 89 12 22; Turkey: +90 (212) 444 79 79; UAE (Toll Free): 800 45 20; UAE (Toll Free): 800 45 20 or 800 49 10; Ukraine: +380 44 490 61 20 ; United Kingdom: HP Teleweb Glasgow +44 (0) 845 270 40 00

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

Security management footnote number

[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

Software included footnote number

[20,33,34]

Standard memory note

Transfer rates up to 4800 MT/s.

Storage capacity

256

Storage capacity uom 01

GB

Storage interface 01

PCIe®

Storage interface protocol 01

NVMe™

Storage memory technology 01

TLC

Storage type

SSD

Storage type 01

SSD

Support service included

HP 3 year Next Business Day Response Onsite Notebook Hardware Support. For terms and conditions, please visit https://cpc.ext.hp.com/portal/site/cpc/details?serviceProductNumber=U4391E&selectedCountry=NZ&lang=en_US

Sustainable impact specifications

Low Halogen

Sustainable impact specifications footnote number

[38]

Tech spec footnote

[1] 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 is automatically updated and enabled. High speed internet and Microsoft account required. ISP fees may apply and additional requirements may apply over time for updates. See <http://www.windows.com>.

Tech spec footnote

[10] 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.

Tech spec footnote

[11] 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.

Tech spec footnote

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

Tech spec footnote

[13] Intel vPro® requires Windows 10 Pro 64 bit or higher, a vPro supported processor, vPro enabled chipset, vPro enabled wired LAN and/or Wi-Fi 6E WLAN and TPM 2.0. Some functionality requires additional 3rd party software in order to run. Features of vPro® Essentials and Enterprise vary. See <http://intel.com/vpro>.

Tech spec footnote

[14] SIM slot is not user accessible without WWAN configuration.

Tech spec footnote

[15] Intel® Iris® Xe Graphics capabilities require system to be configured with Intel® Core™ i5 or i7 processors and dual channel memory. Intel® Iris® Xe Graphics with Intel® Core™ i5 or i7 processors and single channel memory will only function as UHD graphics.

Tech spec footnote

[16] HD content required to view HD images.

Tech spec footnote

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

Tech spec footnote

[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.

Tech spec footnote

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

Tech spec footnote

[2] This system is preinstalled with Windows 10 Pro software and also comes with a license for Windows 11 Pro software and provision for recovery software. You may only use one version of the Windows software at a time. Switching between versions will require you to uninstall one version and install the other version. You must back up all data (files, photos, etc.) before uninstalling and installing operating systems to avoid loss of your data.

Tech spec footnote

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

Tech spec footnote

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

Tech spec footnote

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

Tech spec footnote

[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/>

Tech spec footnote

[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™.

Tech spec footnote

[25] Windows MM18 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.

Tech spec footnote

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

Tech spec footnote

[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.

Tech spec footnote

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

Tech spec footnote

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

Tech spec footnote

[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.

Tech spec footnote

[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.

Tech spec footnote

[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.

Tech spec footnote

[32] HP BIOSphere Gen6 features may vary depending on the platform and configuration.

Tech spec footnote

[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.

Tech spec footnote

[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.

Tech spec footnote

[35] Availability may vary by country.

Tech spec footnote

[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.

Tech spec footnote

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

Tech spec footnote

[38] External power supplies, power cords, cables and peripherals are not Low Halogen. Service parts obtained after purchase may not be Low Halogen.

Tech spec footnote

[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>.

Tech spec footnote

[4] Processor speed denotes maximum performance mode; processors will run at lower speeds in battery

optimization mode.

Tech spec footnote

[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 connection. Note: You must back up important files, data, photos, videos, etc. before use to avoid loss of data. Detail please refer to: <https://support.hp.com/us-en/document/c05115630>.

Tech spec footnote

[41] HP Connect for Microsoft Endpoint Manager is available from the Azure Market Place for HP Pro, Elite, Z and Point-of-Sale PCs managed with Microsoft Endpoint Manager. Subscription to Microsoft Endpoint Manager required and sold separately. Network connection required.

Tech spec footnote

[42] 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.

Tech spec footnote

[43] HP Fingerprint sensor is an optional feature that must be configured at purchase.

Tech spec footnote

[44] Actual battery Watt-hours (Wh) will vary from design capacity. Battery capacity will naturally decrease with shelf life, time, usage, environment, temperature, system configuration, loaded apps, features, power management settings and other factors.

Tech spec footnote

[45] Secured Core PC requires an Intel® vPro®, AMD Ryzen™ Pro processor or Qualcomm® processor with SD850 or higher and requires 8 GB or more system memory. Secured Core PC functionality can be enabled from the factory.

Tech spec footnote

[5] Intel® Turbo Boost performance varies depending on hardware, software and overall system configuration. See www.intel.com/technology/turboboost for more information.

Tech spec footnote

[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.

Tech spec footnote

[7] Intel® Turbo Boost performance varies depending on hardware, software and overall system configuration. See <http://www.intel.com/technology/turboboost/> for more information.

Tech spec footnote

[8] Wi-Fi 6E requires a Wi-Fi 6E router, sold separately, to function in the 6GHz band. Availability of public wireless access points limited. Wi-Fi 6E is backwards compatible with prior 802.11 specs. And available in countries where Wi-Fi 6E is supported.

Tech spec footnote

[9] Miracast is a wireless technology your PC can use to project your screen to TVs, projectors, and streaming.

Tech spec footnote 57

[57] HP Smart Support automatically collects the telemetry necessary upon initial boot of the product to deliver device-level configuration data and health insights and is available preinstalled on select products, thru HP Factory Configuration Services; or it can be downloaded. For more information about how to enable HP Smart Support or for download, please visit <http://www.hp.com/smart-support>.

Touchscreen

No

Trademark information

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UNSPSC code

43211503

UPC number

196786122200

Warranty footnote number

[37]

Weight

Starting at 1.36 kg

Weight note (metric)

Weight will vary by configuration.

Wireless

Intel® Wi-Fi 6E AX211 (2x2) and Bluetooth® 5.2 combo (Supporting Gigabit data rate)

Wireless antenna

2x2

Wireless Model

Wi-Fi 6E AX211

Wireless standard

Wi-Fi 6E

Wireless supplier

Intel®

Wireless transfer speeds

Supporting Gigabit data rate

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