



HP EliteBook 845 G7 Notebook PC

Move through your day with confidence

Ease through your multi-task, multi-place day with the beautifully designed, powerful, highly secure HP EliteBook 845. Created for people on the move, this thin and light laptop helps people confidently connect and stay productive in almost any setting.



HP recommends Windows 10 Pro for business

Designed for comfort

- Easy to carry from meeting to meeting, the ultrathin and light 14-inch diagonal HP EliteBook 845 boasts an 85-percent screen-to-body ratio. It also includes a new keyboard and clickpad that are quiet and comfortable to work on.

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.

Easy connections

- How we work is evolving quickly. Help drive connectivity and productivity with a premium AMD Ryzen™ PRO processor² with Radeon™ VEGA graphics, optional 4G LTE³, and long battery life.
- Work with a powerful, highly secure, and reliable AMD Ryzen™ PRO processor with Radeon™ VEGA graphics and AMD Memory Guard that helps defend against cold boot attacks with real-time encryption and decryption of your system's memory.
- Instantly block prying eyes' ability to view your screen with optional HP Sure View Reflect that produces a copper reflective finish when the screen is viewed from the side making it appear 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.
- With 4G LTE powered with 2x2 antennas, your "office" can be where you need it, letting you stay connected almost everywhere.
- 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.
- Never wonder if someone is watching you with the added peace-of-mind that comes from the optional HP Privacy Camera, with a physical shutter to protect from malicious surveillance.
- Make well-being measurable and actionable at work with HP WorkWell. Designed to coach you to take breaks, exercise, and to provide productivity tips, this app recommends healthy habits personalized to you.
- Enjoy the consistent feel and extremely quiet typing experience of the redesigned keyboard with rubber dome keys.
- Firmware attacks can completely devastate your PC - stay protected with HP Sure Start Gen6 self-healing BIOS.

HP EliteBook 845 G7 Notebook PC Specifications Table



Available Operating Systems	Windows 10 Pro 64 ¹ Windows 10 Home 64 – HP recommends Windows 10 Pro for business ¹ Windows 10 Home Single Language 64 ¹ Windows 10 Pro (Windows 10 Enterprise available with a Volume Licensing Agreement) ¹ FreeDOS ⁴⁴
Processor family ⁵	AMD Ryzen™ PRO APU processor
Available Processors ^{3,4,5}	AMD Ryzen™ 3 PRO 4450U APU with Radeon™ Graphics (2.5 GHz base clock, up to 3.8 GHz max boost clock, 4 MB L3 cache, 4 cores); AMD Ryzen™ 5 PRO 4650U APU with Radeon™ Graphics (2.1 GHz base clock, up to 4 GHz max boost clock, 8 MB L3 cache, 6 cores); AMD Ryzen™ 7 PRO 4750U APU with Radeon™ Graphics (1.7 GHz base clock, up to 4.2 GHz max boost clock, 8 MB L3 cache, 8 cores)
Maximum memory	32 GB DDR4-3200 SDRAM ⁴⁰ Both slots are customer accessible/upgradeable. Supports dual channel memory.
Memory slots	2 SODIMM
Internal storage	256 GB up to 1 TB PCIe® Gen3x4 NVMe™ M.2 SSD TLC ⁶ 256 GB up to 512 GB PCIe® Gen3x4 NVMe™ M.2 SED SSD TLC ⁶ 256 GB up to 512 GB PCIe® NVMe™ Value M.2 SSD ⁶ up to 128 GB M.2 SATA SSD TLC ⁶
Display	35.56 cm (14") diagonal FHD, IPS, anti-glare, WLED-backlit, eDP, 250 nits, 45% NTSC (1920 x 1080); 35.56 cm (14") diagonal FHD, IPS, anti-glare, WLED-backlit, touch screen, eDP, 250 nits, 45% NTSC (1920 x 1080); 35.56 cm (14") diagonal, FHD (1920 x 1080), IPS, anti-glare, 1000 nits, 72% NTSC, HP Sure View Reflect integrated privacy screen; 35.6 cm (14") diagonal, FHD (1920 x 1080), IPS, anti-glare, 400 nits, low power, 72% NTSC ^{12,15,16,41}
Available Graphics	Integrated: AMD Radeon™ Vega Graphics ¹² (Support HD Decode, DX12, and HDMI.)
Audio	Audio by Bang & Olufsen, dual stereo speakers, 3 multi array microphone
Wireless technologies	Intel® AX200 Wi-Fi 6 (2x2) and Bluetooth® 5 Combo, non-vPro™; Intel® XMM™ 7360 LTE-Advanced Cat 9; Realtek RTL8822BE 802.11 b/g/n/ac (2x2) Wi-Fi® and Bluetooth® 5 combo ^{8,9,10} (Compatible with Miracast-certified devices.)
Expansion slots	1 external SIM; 1 smart card reader ⁷
Ports and Connectors	2 USB Type-C® (Alt mode); 1 USB 3.1 Gen 1 (charging); 1 USB 3.1 Gen 1; 1 headphone/microphone combo; 1 HDMI 2.0; 1 AC power (HDMI cable sold separately.)
Input devices	HP Premium Keyboard – spill resistant, optional backlit keyboard with drain and DuraKeys ³⁹ ; Clickpad with multi-touch gesture support, taps enabled as default; Precision Touchpad with multi-touch gesture support; Ambient light sensor; Hall sensor
Communications	HP Module with NXP NFC Controller NPC300 I2C NCI (select models) ^{11,42} ;
Camera	720p HD camera; HD IR webcam ^{12,13,14}
Security management	Absolute persistence module; HP DriveLock and Automatic DriveLock; HP Secure Erase; Power-on 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 ^{21,22,23,24,25,26,27,28,29,30,31,32,33}
Fingerprint reader	Fingerprint sensor (select models)
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 ^{18,19,20}
Power	HP Smart 65 W External AC power adapter; HP Smart 45 W External AC power adapter; 65 W USB Type-C® adapter ³⁵
Battery type	HP Long Life 3-cell, 53 Wh Li-ion ³⁴
Battery life	Up to 25 hours ⁴³
Dimensions	32.36 x 21.47 x 1.79 cm (non-touch); 32.36 x 21.47 x 1.91 cm (touch)
Weight	Starting at 1.33 kg (non-touch); Starting at 1.46 kg (touch) (Weight will vary by configuration.)
Energy efficiency compliance	ENERGY STAR® certified; EPEAT® registered where applicable. EPEAT registration varies by country. See www.epeat.net for registration status by country. ³⁷
Environmental specifications	Low halogen; TCO 8.0 Certified ³⁸
Warranty	3 year limited parts, labor (3-3-0) warranty. Certain restrictions and exclusions apply.

HP EliteBook 845 G7 Notebook PC

Accessories and services (not included)

HP 65W USB-C Power Adapter



Power and charge your notebook or tablet¹ from its USB-C™ port with the HP 65W USB-C™ Power Adapter. Power and charge your notebook or tablet¹ from its USB-C™ port with the HP 65W USB-C™ Power Adapter.
Product number: 1HE08AA

HP Recycled Series 15.6-inch Backpack



Helps protect the planet and your notebook¹ and daily essentials with the stylish, durable HP Recycled Series 15.6" Backpack, a carryall made from recycled plastics.² HP's best-in-class, packed with features, functionality and premiere design for the most discerning business professional.
Product number: 5KN28AA

HP USB-C Dock G5



Get to work with a single cable from your USB-C™-enabled notebook¹ to your displays, devices, and wired network with the versatile, elegant, and space-saving HP USB-C Dock G5. The dock is compatible with notebooks from brands like HP, Apple®, Dell, Lenovo, and more.² HP's best-in-class, packed with features, functionality and premiere design for the most discerning business professional.
Product number: 5TW10AA

HP 4 year Next Business Day Onsite Hardware Support for Notebooks



Receive 4 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: U7860E

HP EliteBook 845 G7 Notebook PC

Messaging Footnotes

- ² 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. AMD's numbering is not a measurement of clock speed.
- ³ 4G LTE module is optional and must be configured at the factory. Module 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.
- ⁴ 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.
- ⁵ 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.
- ⁶ HP Sure Sense requires Windows 10.
- 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.
- ⁸ HP Privacy Camera only available PCs equipped with HD or IR camera and must be installed at the factory.
- ⁹ HP WorkWell requires Windows 10, is not available in all countries, and can be downloaded from the Windows Store.
- ¹⁰ HP Sure Start Gen5 is available on select HP PCs.

Technical Specifications Footnotes

- 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 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>.
- 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. AMD's numbering is not a measurement of clock speed.
- ⁴ Processor speed denotes maximum performance mode; processors will run at lower speeds in battery optimization mode.
- ⁵ 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>.
- ⁶ 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.
- ⁷ SIM slot is not user accessible without WWAN configuration.
- ⁸ 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.
- ⁹ 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.
- ¹⁰ Miracast is a wireless technology your PC can use to project your screen to TVs, projectors, and streaming.
- ¹¹ The term "10/100/1000" or "Gigabit" Ethernet indicates compatibility with IEEE standard 802.3ab for Gigabit Ethernet, and does not connote actual operating speed of 1 Gb/s. For high-speed transmission, connection to a Gigabit Ethernet server and network infrastructure is required.
- ¹² HD content required to view HD images.
- ¹³ Sold separately or as an optional feature.
- ¹⁴ Internet access required.
- ¹⁵ Resolutions are dependent upon monitor capability, and resolution and color depth settings.
- ¹⁶ HP Sure View integrated privacy screen is an optional feature that must be configured at purchase and is designed to function in landscape orientation.
- ¹⁷ HP Support Assistant requires Windows and Internet access.
- ¹⁸ HP Driver Packs not preinstalled, however available for download at <http://www.hp.com/go/clientmanagement>.
- ¹⁹ Ivanti Management Suite subscription required.
- ²⁰ HP Manageability Integration Kit can be downloaded from <http://www8.hp.com/us/en/ads/clientmanagement/overview.html>.
- ²¹ 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 Drive Lock & Automatic Drive Lock is not supported on NVMe drives.
- ²³ 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™.
- ²⁴ 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).
- ²⁵ HP Sure Click requires Windows 10 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.
- ²⁶ Windows Defender Opt in and internet connection required for updates.
- ²⁷ HP BIOSphere Gen5 is available on select HP Pro and Elite PCs. Features may vary depending on the platform and configurations.
- ²⁸ HP Sure Sense requires Windows 10.
- ²⁹ HP Client Security Manager Gen6 requires Windows and is available on the select HP Elite and Pro PCs.
- ³⁰ HP Sure Start Gen6 is available on select HP PCs.
- ³¹ HP Sure Run Gen3 is available on select Windows 10 based HP Pro, Elite and Workstation PCs with select Intel® or AMD processors.
- ³² HP Sure Recover Gen3 is available on select HP PCs and requires an open 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.
- ³³ HP Fingerprint Sensor is an optional feature and requires configuration at purchase.
- ³⁴ Supports HP Fast Charge with 65W AC Adapter. Recharges the battery up to 50% within 30 minutes when the system is off or in standby mode. Power adapter with a minimum capacity of 65 watts is required. After charging has reached 50% capacity, charging will return to normal. Charging time may vary +/-10% due to System tolerance.
- ³⁵ Availability may vary by country.
- 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/kpc. 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.
- ³⁷ Based on US EPEAT® registration according to IEEE 1680.1-2018 EPEAT®. Status varies by country. Visit www.epeat.net for more information.
- ³⁸ External power supplies, power cords, cables and peripherals are not Low Halogen. Service parts obtained after purchase may not be Low Halogen.
- ³⁹ Backlit keyboard is an optional feature.
- ⁴⁰ 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.
- ⁴¹ Actual brightness will be lower with touchscreen or Sure View.
- ⁴² Ethernet available with accessories.
- ⁴³ Windows 10 MM14 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.
- ⁴⁴ FreeDOS is planned to be available on December 2020.

Sign up for updates hp.com/go/getupdated

© Copyright 2020 HP Development Company, L.P. The information contained herein is subject to change without notice. The only warranties for HP products are set forth in the express limited warranty statements accompanying such products. Nothing herein should be construed as constituting an additional warranty. HP shall not be liable for technical or editorial errors or omissions contained herein.

AMD and Radeon are trademarks of Advanced Micro Devices, Inc. Bluetooth is a trademark owned by its proprietor and used by HP Inc. under license. USB Type-C® and USB-C® are registered trademarks of USB Implementers Forum. ENERGY STAR is a registered trademark of the U.S. Environmental Protection Agency. All other trademarks are the property of their respective owners.

July 2020

