HP EliteBook 840 Aero G8 Notebook PC

Work with each other even when you're apart

Teams work from many locations require a powerful, secure, and durable laptop that connects easily to stay productive. Meet the demands of the multi-task, multi-place, enterprise-business workday with the HP EliteBook 840 Aero.

HP recommends Windows 10 Pro for business

Take it anywhere

- Starting under 1.15kg[3] with a new AI-based audio experience, this easy to carry ultralight and thin business PC has an 85-percent screen-to-body ratio, runs quietly, and has a comfortable keyboard 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.

Pursue success

- Do your best work when and where you like. Stay connected with optional 5G[4] and 4G LTE wireless[5], long battery life, and a powerful 11th Gen Intel® Core™ [6] processor option.

- Get the exceptional combination of responsive performance, connectivity, and speed with an 11th Gen Intel® Core™ processor that lets you launch, create, and connect fast and reliably.[6]

- 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.[9]

- Address issues around sanitization and sustainability. The speaker enclosure contains ocean-bound plastics and the PC can be sanitized with select household disinfecting and cleaning wipes.[10,11]

- Tune your headphone audio for an immersive sound experience with HP Sound Calibration.[12]

- HP Dynamic Audio, a new AI-based audio experience, tunes output to speech, music, and movies all while suppressing background noise.[13]

- The HP EliteBook 840 Aero can connect almost anywhere with optional support for up to 5G wireless broadband technology with 4x4 antennas that can deliver fast download and upload speeds.[4]

- Find your PC even when it is turned with the Tile™ proximity sensor and the Tile™ mobile application off. Find other devices in your Tile™ network using the Tile™ Windows application.[8,14]

- Designed for people that always find a way to get work done, select configurations of the HP EliteBook 840 Aero meet the high-performance, responsiveness, long battery life, and stunning visual standards for the Intel® Evo® Platform.[15]

- Know if someone has tried to open the cover of your PC thanks to a tamper lock intrusion detection system that can require an administrator password to restart the system.[16]

HP EliteBook 840 Aero G8 Notebook PC Specifications Table

Available Operating Systems	Windows 10 Pro 64 – HP recommends Windows 10 Pro for business[1] Windows 10 Home 64 (National Academic only)[1,2] Windows 10 Home 64[1] Windows 10 Home Single Language 64[1] Windows 10 Pro (Windows 10 Enterprise available with a Volume Licensing Agreement)[1] FreeDOS
Processor family[6]	11th Generation Intel® Core™ i7 processor; 11th Generation Intel® Core™ i5 processor
Available Processors[3,4,5,6]	Intel® Core™ i5-1135G7 (2.4 GHz base frequency, up to 4.2 GHz with Intel® Turbo Boost Technology, 8 MB L3 cache, 4 cores) Intel® Core™ i7-1165G7 (up to 4.7 GHz with Intel® Turbo Boost Technology, 12 MB L3 cache, 4 cores) Intel® Core™ i7-1185G7 (up to 4.8 GHz with Intel® Turbo Boost Technology, 12 MB L3 cache, 4 cores) Intel® Core™ i5-1145G7 (up to 4.4 GHz with Intel® Turbo Boost Technology, 8 MB L3 cache, 4 cores)
Display size (diagonal)	14"
Maximum memory	64 GB DDR4-3200 SDRAM [7] Dual channel support.
Memory slots	2 SODIMM
Internal storage	512 GB Intel® PCIe® NVMe™ QLC M.2 SSD with 32 GB Intel® Optane™ memory[8,9] 256 GB up to 2 TB PCIe® Gen3x4 NVMe™ M.2 SSD TLC[8] 256 GB up to 512 GB PCIe® NVMe™ Value SSD[8] 256 GB up to 512 GB PCIe® Gen3x4 NVMe™ M.2 SED SSD TLC[8]
Display[13,14,15,16]	14" diagonal, FHD (1920 x 1080), touch, narrow bezel, anti-glare, 250 nits, 45% NTSC 14" diagonal, FHD (1920 x 1080), IPS, narrow bezel, anti-glare, 400 nits, low power, 100% sRGB 14" diagonal, FHD (1920 x 1080), IPS, anti-glare, 1000 nits, 72% NTSC, HP Sure View Reflect integrated privacy screen 14" diagonal, FHD (1920 x 1080), IPS, anti-glare, 250 nits, 45% NTSC
Available Graphics	Integrated: Intel® Iris® Xᵉ Graphics[12]
Audio	Audio by Bang & Olufsen, dual stereo speakers, dual array world-facing microphones
Ports and Connectors	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 Stereo headphone/microphone combo jack; 1 HDMI 2.0b; 1 AC power[37] (HDMI cable sold separately.)
Available Keyboards	HP Premium Keyboard – spill-resistant, backlit keyboard
Available Pointing Devices	Glass clickpad with gesture support as default, Microsoft Precision Touchpad
Communications[10,11,35]	HP Module with NXP NFC Controller NPC300 I2C NCI Intel® Wi-Fi 6 AX201 (2x2) and Bluetooth® 5 combo, non-vPro® Intel® Wi-Fi 6 AX201 (2x2) and Bluetooth® 5 combo, vPro® Intel® XMM™ 7360 LTE Advanced CAT 9 Qualcomm® Snapdragon™ X55 5G LTE Cat 20
Camera[13]	720p HD camera; IR camera
Software[17,18,38]	HP Connection Optimizer; HP Image Assistant; HP Hotkey Support; HP Noise Cancellation Software; HP PC Hardware Diagnostics UEFI; HP Support Assistant; HP Easy Clean; Buy Office (Sold separately); HP Power Manager; HP WorkWell; myHP; HP Privacy Settings; Touchpoint Customizer for Commercial; HP Notifications; HP QuickDrop; HP Wireless Button Driver; Tile™
Security management[21,22,23,24,25,26,27,28,29,36]	Absolute persistence module; HP DriveLock and Automatic DriveLock; 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 Sense; BIOS Update via Network; Support for chassis padlocks and cable lock devices; HP Sure Start Gen6; HP BIOSphere Gen6; HP Sure Run Gen4; HP Sure Recover Gen4; HP Client Security Manager Gen7; Secured-core PC capable
Security Software Licenses	HP Pro Security Edition (select models)[56]
Fingerprint reader	Fingerprint sensor (select models)
Management features	HP Driver Packs; HP System Software Manager (SSM); HP BIOS Config Utility (BCU); HP Client Catalog; HP Manageability Integration Kit Gen4; HP Client Management Script Library (download)[19,20]
Power[32]	HP Smart 65 W External AC power adapter; HP Smart 45 W External AC power adapter; HP Smart 65 W USB Type-C® adapter; HP Smart 45 W USB Type-C® adapter; HP 65 W USB Type-C® slim adapter
Battery type[30,31]	HP Long Life 3-cell, 53 Wh Li-ion Battery is internal and not replaceable by customer. Serviceable by warranty. Fast charging 50% in 30 minutes.
Dimensions	12.71 x 8.46 x 0.7 in; 32.3 x 21.5 x 1.79 cm
Weight	Starting at 2.5 lb; Starting at 1.13 kg (Weight will vary by configuration.)
Energy efficiency compliance[34]	ENERGY STAR® certified; EPEAT® 2019 registered where applicable. EPEAT ® registration varies by country. See www.epeat.net for registration status by country.
Sustainable impact specifications[39,40,41]	Ocean-bound plastic in speaker enclosure; Low Halogen; Bulk packaging available; Outside box and corrugated cushions are 100% sustainably sourced and recyclable
Warranty[33]	HP Services offers 1-year and 3-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. 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.

HP EliteBook 840 Aero G8 Notebook PC

Accessories and services (not included)

HP Nano Keyed Cable Lock

Lock your notebook or tablet down in the office and high-traffic public areas by tethering it to a secure surface with the thin profile HP Nano Keyed Cable Lock.
Product number: 1AJ39AA

HP 14.1 Business Slim Top Load

Whether you're heading to the office or working from the road, the HP 14.1 Business Slim Top Load adds a modern touch for the minimalist professional who carries a notebook. It has lockable1 zippers, a secure RFID pocket, and room for your device up to 14.1" diagonal and daily essentials.
Product number: 2SC65AA

HP Wireless Rechargeable 950MK Mouse and Keyboard

Experience clutter-free productivity, simple, streamlined connectivity, and fast out-of-the-box HP Link-5 plug and play setup with the elegant HP Wireless Rechargeable 950MK Mouse and Keyboard.
Product number: 3M165AA

HP USB-C Dock G5

Connect your USB-C®-enabled laptop to your displays, accessories, and wired network with the versatile, elegant, and space-saving HP USB-C® Dock G5.
Product number: 5TW10AA

HP E24d G4 FHD Advanced Docking Monitor

Inspire joy on your desk with the clean connectivity of the HP E24d G4 FHD Advanced Docking Monitor. Add your everyday accessories at the display, then add your PC with just one USB-C™[1] cable. Empower IT to remotely manage HP devices from anywhere on the network through RJ-45.[2,3]
Product number: 6PA50AA

HP USB-C to RJ45 Adapter

Easily connect to your network through your notebook or tablet's USB-C™ power-in port with the HP USB-C™ to RJ45 Adapter.
Product number: V7W66AA

HP EliteBook 840 Aero G8 Notebook PC

Messaging Footnotes

3 Weights will vary by configuration HP Sure View Reflect, multiple SODIMMs, WWAN, Smart Card and eMMC not available on configurations starting at less than 1.15kg.

4 5G module has an expected availability of March 2021 and is an optional feature that must be configured at purchase. AT&T and T-Mobile networks supported in the U.S. Module designed for 5G networks as carriers deploy Evolved-Universal Terrestrial Radio Access New Radio Dual Connectivity (ENDC) with both 100Mhz of 5G NR and LTE channel bandwidth, using 256QAM 4x4 as defined by 3GPP, requires activation and separately purchased service contract. 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. 5G not available on all products, in all regions. Backwards compatible to 4G LTE and 3G HSPA technologies. 5G module planned to be available in select countries, where carrier supported.

5 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.

6 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.

7 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.

8 Sold separately or as an optional feature.

9 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.

10 Speaker enclosure component made with 5% ocean bound plastic.

11 100% outer box packaging made from sustainably sourced certified and recycled fibers. Fiber cushions made from 100% recycled wood fiber and organic material. Any plastic cushions are made from >90% recycled plastic.

12 HP Sound Calibration is coming soon and will be delivered automatically through Windows update or can be downloaded from https://support.hp.com/us-en/drivers when available. Requires Windows 10, analog headset, and setup.

13 HP Dynamic Audio is coming soon and will be delivered automatically through Windows update or can be downloaded from https://support.hp.com/us-en/drivers when available. Requires Windows 10, compatible with internal PC speakers and analog headsets.

14 Tile requires Windows 10. Some features require optional subscription to Tile Premium. Ring feature not available on HP Elite G8 Laptops. 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. HP Tile will function as long as the PC has battery power.

15 Select SKUs qualify as an Intel® Evo™ platform.

16 HP Tamper Lock must be enabled by the customer or your administrator.

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.

2 Some devices for academic use will automatically be updated to Windows 10 Pro Education with the Windows 10 Anniversary Update. Features vary; see https://aka.ms/ProEducation for Windows 10 Pro Education feature information.

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.

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

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

6 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.

7 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.

8 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.

9 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.

10 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.

11 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.

12 Intel® Iris® X⁰ Graphics capabilities require system to be configured with Intel® Core™ i5 or i7 processors and dual channel memory. Intel® Iris® X⁰ Graphics with Intel® Core™ i5 or 7 processors and single channel memory will only function as UHD graphics.

13 FHD/HD content required to review FHD/HD images.

14 Resolutions are dependent upon monitor capability, and resolution and color depth settings.

15 HP Sure View integrated privacy screen is an optional feature that must be configured at purchase and is designed to function in landscape orientation.

16 Actual brightness will be lower with touchscreen or Sure View.

17 HP Support Assistant requires Internet access.

18 Tile requires Windows 10. Some features require optional subscription to Tile Premium. Ring feature not available on HP Elite G8 Laptops. 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. HP Tile will function as long as the PC has battery power.

19 HP Driver Packs not preinstalled, however available for download at http://www.hp.com/go/clientmanagement.

20 HP Manageability Integration Kit can be downloaded from http://www8.hp.com/us/en/ads/clientmanagement/overview.html.

21 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/

22 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™.

23 HP Sure Click requires Windows 10. See https://bit.ly/2PrLT6A_SureClick for complete details.

24 Windows Defender Opt in and internet connection required for updates.

25 HP Sure Sense requires Windows 10.

26 HP Sure Start Gen6 is available on select HP PCs and requires Windows 10.

27 HP BIOSphere Gen6 requires Windows 10 and is available on select HP Pro and Elite PCs. Features may vary depending on the platform and configurations.

28 HP Sure Run Gen4 is available on select HP PCs and requires Windows 10.

29 HP Sure Recover Gen4 is available on select HP PCs and requires Windows 10 and an open network connection. You must back up important files, data, photos, videos, etc. before using HP Sure Recover to avoid loss of data. Network based recovery using Wi-Fi is only available on PCs with Intel Wi-Fi Module.

30 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.

31 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.

32 Availability may vary by country.

33 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 optional feature but may be configured at purchase. AT&T and T-Mobile networks supported in the U.S. Module designed for 5G networks as carriers deploy Evolved-Universal Terrestrial Radio Access New Radio Dual Connectivity (ENDC) with both 100Mhz of 5G NR and LTE channel bandwidth, using 256QAM 4x4 as defined by the following: "7. Term. Unless otherwise terminated earlier pursuant to the terms contained in this EULA, the license for the HP Pro Security Edition (HP Sure Sense Pro and HP Sure Click Pro) is effective upon activation and will continue for thirty-six (36) months thereafter ("Initial Term"). At the end of the Initial Term you may either (a) purchase a renewal license for the HP Pro Security Edition from HP.com, HP Sales or an HP Channel Partner, or (b) continue using the standard versions of HP Sure Click and HP Sure Sense at no additional cost with no future software updates or HP Support." HP Pro Security Edition is optimized for the SMB environment and ships pre-configured - manageability is optional. The HP Pro Security Edition supports a limited tool set that can be used by the HP Manageability Integration Kit which can be downloaded from http://www.hp.com/go/clientmanagement.

33 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.

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

35 5G module is an optional feature that must be configured at purchase. AT&T and T-Mobile networks supported in the U.S. Module designed for 5G networks as carriers deploy Evolved-Universal Terrestrial Radio Access New Radio Dual Connectivity (ENDC) with both 100Mhz of 5G NR and LTE channel bandwidth, using 256QAM 4x4 as defined by 3GPP, requires activation and separately purchased service contract. 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. 5G not available on all products, in all regions. Backwards compatible to 4G LTE and 3G HSPA technologies. 5G module planned to be available in select countries, where carrier supported.

36 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.

37 SuperSpeed USB 20Gbps is not available with Thunderbolt™ 4.

38 HP Easy Clean requires Windows 10 RS3 and will disable the keyboard, touchscreen, and clickpad only. Ports are not disabled. See user guide for cleaning instructions. Expected availability March 2020.

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

40 Percentage of ocean-bound plastic contained in each component varies by product.

41 100% outer box packaging and corrugated cushions made from sustainably sourced certified and recycled fibers.

56 HP Pro Security Edition is available preloaded on select HP PCs and includes HP Sure Click Pro and HP Sure Sense Pro. 3-year license required. The HP Pro Security Edition software is licensed under the license terms of the HP End User License Agreement (EULA) that can be found at: https://h30670.www3.hp.com/ecommerce/common/disclaimer.do#EN_US as modified by the following: "7. Term. Unless otherwise terminated earlier pursuant to the terms contained in this EULA, the license for the HP Pro Security Edition (HP Sure Sense Pro and HP Sure Click Pro) is effective upon activation and will continue for thirty-six (36) months thereafter ("Initial Term"). At the end of the Initial Term you may either (a) purchase a renewal license for the HP Pro Security Edition from HP.com, HP Sales or an HP Channel Partner, or (b) continue using the standard versions of HP Sure Click and HP Sure Sense at no additional cost with no future software updates or HP Support." HP Pro Security Edition is optimized for the SMB environment and ships pre-configured - manageability is optional. The HP Pro Security Edition supports a limited tool set that can be used by the HP Manageability Integration Kit which can be downloaded from http://www.hp.com/go/clientmanagement.

Sign up for updates hp.com/go/getupdated

2021 March 12