

HP EliteBook 840r G4 Notebook PC



Security, manageability, and performance in an ultrathin design.

Elevate your business with an ultrathin, professional laptop that empowers users to perform at their very best. Enterprise-class features, comprehensive security, and a refined collaboration experience handle even the most demanding tasks with streamlined efficiency.



HP recommends Windows 10 Pro.

Built on a secure foundation

- Protect your PC against the evolving malware threats of the future, with self-healing, hardware-enforced, and manageable security solutions from HP. From the BIOS to the browser HP Sure Start Gen4² and HP Sure Click³ help secure your PC.

High performance, high portability.

- Speed up demanding business applications and data. Combine high-performance and long battery life with 8th Gen quad core Intel® Core™ processors⁴, PCIe Gen3 solid state drives⁵ up to 32 GB of DDR4 memory and dual storage options⁵.

Thin design, no adapters needed.

- Give portability a whole new meaning with an ultrathin design that doesn't cut corners. Starting at an incredible 18.9mm, the HP EliteBook 840r includes several full-size ports like VGA, Display Port™, RJ-45, and USB-C™ docking.

See and hear them clearly

- Give your online collaboration the sharpness and clarity of a face-to-face meeting with HP Audio Boost, HP Noise Cancellation, Audio by Bang & Olufsen, and an optional 720p webcam⁵.

Featuring

- Power through your day with Windows 10 Pro¹ with built-in security, collaboration and connectivity.
- Protect your PC with the hardware-enforced self-healing protection of HP Sure Start Gen4² that automatically recovers the BIOS.
- Keep your critical processes running, even if malware tries to shut them down. HP Sure Run⁶ extends hardware enforced self-healing protection into the operating system to guard against malicious attacks on applications and processes.
- Help protect your PC from websites and in-browser .pdf files infected with malware, ransomware, or viruses with HP Sure Click³.
- Deploy the HP Manageability Integration Kit Gen2⁷ to help speed up image creation and the management of hardware, BIOS, and security when managing devices through Microsoft System Center Configuration Manager.
- Get up to 50% battery life in just 30 minutes of charging⁸ with an HP fast charging battery.
- Optimize your storage with latest high-performing storage options from HP⁵.
- Suppress background noise including keyboard clicks with HP Noise Cancellation Software.

HP EliteBook 840r G4 Notebook PC Specifications Table



Available Operating Systems	Windows 10 Pro 64 – HP recommends Windows 10 Pro. ¹ FreeDOS 2.0
Processor family ⁵	7th Generation Intel® Core™ i5 processor (i5-7300U); 7th Generation Intel® Core™ i5 processor (i5-7200U); 8th Generation Intel® Core™ i5 processor (i5-8350U); 8th Generation Intel® Core™ i5 processor (i5-8250U)
Available Processors ^{3,4,5}	Intel® Core™ i5-8250U with Intel® UHD Graphics 620 (1.6 GHz base frequency, up to 3.4 GHz with Intel® Turbo Boost Technology, 6 MB cache, 4 cores); Intel® Core™ i5-7200U with Intel® HD Graphics 620 (2.5 GHz base frequency, up to 3.1 GHz with Intel® Turbo Boost Technology, 3 MB cache, 2 cores); Intel® Core™ i5-7300U vPro™ processor with Intel® HD Graphics 620 (2.6 GHz base frequency, up to 3.5 GHz with Intel® Turbo Boost Technology, 3 MB cache, 2 cores); Intel® Core™ i5-8350U vPro™ processor with Intel® UHD Graphics 620 (1.7 GHz base frequency, up to 3.6 GHz with Intel® Turbo Boost Technology, 6 MB cache, 4 cores)
Maximum memory	32 GB DDR4-2400 SDRAM ⁶ Dual channel support.
Memory slots	2 SODIMM
Internal storage	500 GB up to 1 TB 7200 rpm SATA ⁷ 256 GB up to 1 TB PCIe® NVMe™ M.2 SSD ⁷ up to 512 GB PCIe® NVMe™ M.2 SED SSD ⁷
Display	35.6 cm (14") diagonal FHD IPS LED-backlit touch screen with Corning® Gorilla® Glass 4, 220 cd/m ² , 45% sRGB (1920 x 1080); 35.6 cm (14") diagonal FHD IPS anti-glare LED-backlit, 220 cd/m ² , 45% sRGB (1920 x 1080); 35.6 cm (14") diagonal HD anti-glare LED-backlit, 220 cd/m ² , 45% sRGB (1366 x 768) ^{13,14}
Available Graphics	Integrated: Intel® UHD Graphics 620; Intel® HD Graphics 620 ¹³
Audio	Bang & Olufsen, dual stereo speakers, integrated multi array microphone
Wireless technologies	Intel® Dual Band Wireless-AC 8265 802.11a/b/g/n/ac (2x2) Wi-Fi® and Bluetooth® 4.2 Combo, vPro™; Intel® Dual Band Wireless-AC 8265 802.11a/b/g/n/ac (2x2) Wi-Fi® and Bluetooth® 4.2 Combo, non-vPro™; Realtek RTL8822BE 802.11ac (2x2) Wi-Fi® and Bluetooth® 4.2 Combo, non-vPro™; HP Lt4132 LTE/HSPA+ with GPS Mobile Broadband Module; Intel® XMM™ 7360 LTE-Advanced ^{8,9,10,11} (Compatible with Miracast-certified devices.)
Expansion slots	1 multi-format digital media reader (Supports SD, SDHC, SDXC.)
Ports and Connectors	1 USB 3.1 Type-C™; 2 USB 3.1 Gen 1 (1 charging); 1 DisplayPort™ 1.2; 1 VGA; 1 RJ-45; 1 docking connector; 1 headphone/microphone combo; 1 AC power; 1 SIM card slot; 1 Smartcard reader (Cables are not included.)
Input devices	HP Premium Keyboard, full-size, spill resistant with numeric keypad and optional backlit Glass touchpad with multi-touch gesture support, On/Off Button, taps enabled as default
Communications	HP Module with NXP NFC Controller NPC300 I2C NCI; Intel® I219-LM GbE, vPro™; Intel® I219-V GbE, non-vPro™ ¹²
Camera	HD camera ^{8,13}
Available Software	Native Miracast support; HP LAN Protection; HP Velocity; HP ePrint Driver + JetAdvantage; HP Hotkey Support; HP Recovery Manager; HP JumpStart; HP Support Assistant; HP Noise Cancellation Software; HP PhoneWise; Buy Office ^{11,15,16,17}
Security management	Absolute persistence module; HP BIOSphere Gen4; HP DriveLock and Automatic DriveLock; HP Fingerprint Sensor; HP Password Manager; HP Secure Erase; Microsoft Security Defender; Power-on authentication; Preboot authentication; TPM 2.0 embedded security chip shipped with Windows 10 (Common Criteria EAL4+ Certified); HP Sure Click; HP SureStart Gen4; HP Wireless Wakeup; HP Client Security Gen4; RAID configurations; HP Sure Run; HP Sure Recover ^{21,22,23,24,25,26,27,28,29,30,36,37}
Management features	HP Driver Packs; HP System Software Manager (SSM); HP BIOS Config Utility (BCU); HP Client Catalog; HP Manageability Integration Kit Gen2; Ivanti Management Suite ^{18,19,20}
Power	HP Smart 45 W External AC power adapter; HP Smart 65 W External AC power adapter ³²
Battery type	HP Long Life 3-cell, 51 Wh Li-ion ³¹
Dimensions	33.8 x 23.7 x 1.89 cm (non-touch); 33.8 x 23.7 x 2.02 cm (touch)
Weight	Starting at 1.5 kg (non-touch); Starting at 1.65 kg (touch) (Weight will vary by configuration.)
Energy efficiency compliance	ENERGY STAR® certified and EPEAT® Gold registered ³⁴
Environmental specifications	Low halogen; TCO 5.0 Certified ³⁵
Warranty	3 year limited parts, labor (3-3-0) warranty. Certain restrictions and exclusions apply.

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Accessories and services (not included)

HP External USB DVDRW Drive



Connect the HP External USB DVD/RW to any available USB port on your PC¹ to get immediate read/write access to your optical media. Connect the HP External USB DVD/RW to any available USB port on your PC¹ to get immediate read/write access to your optical media.
Product number: F2B56AA

HP 65W Smart AC Adapter



Feed your notebook with controlled servings of electricity. HP's new 65W Smart AC Adapter regulates power and offsets electrical spikes, is designed to reduce cable stress, and includes a special dongle to support current and prior HP models – perfect for replacing your notebook's power adapter or as a needed back-up. Smart AC power adapters from HP power your notebook and charge the internal battery simultaneously. These adapters provide you with the ability to power your notebook when away from the office or on the road.
Product number: H6Y89AA

HP Keyed Cable Lock 10 mm



Help keep your notebook safe in the office and high-traffic areas by tethering it to a secure surface with the HP Master Keyed Cable Lock 10mm, designed specifically for ultra-thin profile notebooks. Help keep your notebook safe in the office and high-traffic areas by tethering it to a secure surface with the HP Master Keyed Cable Lock 10mm, designed specifically for ultra-thin profile notebooks.
Product number: T1A62AA

HP Wireless Collaboration Keyboard



Make your Skype for Business[®] voice and video calls¹ easier than ever and declutter your workspace with the elegant HP Wireless Collaboration Keyboard, redesigned for enhanced every day and collaborative productivity. Make your Skype for Business[®] voice and video calls¹ easier than ever and declutter your workspace with the elegant HP Wireless Collaboration Keyboard, redesigned for enhanced every day and collaborative productivity.
Product number: Z9N39AA

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

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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 HP Sure Start Gen4 is available on HP EliteBook products equipped with Intel® 8th generation processors.
- ³ HP Sure Click is available on select HP platforms and supports Microsoft® Internet Explorer and Chromium™. Check <http://h20195.www2.hp.com/v2/GetDocument.aspx?docname=4AA7-0922ENW> for all compatible platforms as they become available.
- ⁴ 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.
- ⁵ Sold separately or as an optional feature.
- ⁶ HP Sure Run is available on HP Elite PCs equipped with Intel® or AMD 8th generation processors.
- ⁷ HP Manageability Integration Kit can be downloaded from <http://www.hp.com/go/clientmanagement>.
- ⁸ Recharges your 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.

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. 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 NOTE: 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 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.
- ⁷ 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.
- ⁸ Sold separately or as an optional feature.
- ⁹ Wireless access point and Internet service required and sold separately. Availability of public wireless access points limited. The specifications for the 802.11ac WLAN are draft specifications 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 802.11ac WLAN devices.
- ¹⁰ WWAN module is optional 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.
- ¹¹ Miracast is a wireless technology your PC can use to project your screen to TVs, projectors, and streaming media players that also support Miracast. You can use Miracast to share what you're doing on your PC and present a slide show. For more information: <http://windows.microsoft.com/en-us/windows-8/project-wireless-screen-miracast>.
- ¹² 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.
- ¹³ HD content required to view HD images.
- ¹⁴ Resolutions are dependent upon monitor capability, and resolution and color depth settings.
- ¹⁵ HP ePrint Drive requires an Internet connection to HP web-enabled printer and HP ePrint account registration (for a list of eligible printers, supported documents and image types and other HP ePrint details, see www.hp.com/go/eprintcenter). Print times and connection speeds may vary.
- ¹⁶ HP Support Assistant requires Windows and Internet access.
- ¹⁷ HP PhoneWise Client is only available on select platforms. For supported platforms and HP PhoneWise system requirements see www.hp.com/go/HPPhoneWise.
- ¹⁸ HP Driver Packs not preinstalled, however available for download at <http://www.hp.com/go/clientmanagement>.
- ¹⁹ HP Manageability Integration Kit can be downloaded from <http://www8.hp.com/us/en/ads/clientmanagement/overview.html>
- ²⁰ Ivanti Management Suite subscription required.
- ²¹ HP BIOSphere Gen4 features may vary depending on the PC platform and configurations. Requires Intel® or AMD 8th generation processors.
- ²² Secure Erase for the methods outlined in the National Institute of Standards and Technology Special Publication 800-88. Supported on Elite platforms with BIOS version F.03 or higher.
- 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 Client Security Suite Gen 4 requires Windows and Intel® or AMD 8th generation processors.
- ²⁵ HP Password Manager requires Internet Explorer or Chrome or Firefox. Some websites and applications may not be supported. User may need to enable or allow the add-on / extension in the internet browser.
- ²⁶ HP Fingerprint Sensor sold separately or as an optional feature.
- ²⁷ Microsoft Defender Opt in and internet connection required for updates.
- ²⁸ RAID configuration is optional and does require a second hard drive.
- ²⁹ HP Sure Click is available on select HP platforms and supports Microsoft® Internet Explorer and Chromium™. Check <http://h20195.www2.hp.com/v2/GetDocument.aspx?docname=4AA7-0922ENW> for all compatible platforms as they become available.
- ³⁰ HP Sure Start Gen4 is available on HP Elite products equipped with 8th generation Intel® or AMD processors.
- ³¹ Supports HP Fast Charging.
- 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 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 EPEAT® registered where applicable. EPEAT registration varies by country. See www.epeat.net for registration status by country. Search keyword generator on HP's 3rd party option store for solar generator accessories at www.hp.com/go/options.
- ³⁵ External power supplies, power cords, cables and peripherals are not Low Halogen. Service parts obtained after purchase may not be Low Halogen.
- ³⁶ HP Sure Run is available on HP Elite products equipped with 8th generation Intel® or AMD® processors.
- ³⁷ HP Sure Recover is available on HP Elite PCs with 8th generation Intel® or AMD processors and requires an open, wired network connection. You must back up important files, data, photos, videos, etc. before using HP Sure Recover to avoid loss of data.

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