HP EliteBook 645 14 inch G9 Notebook PC

Get back to business

The HP EliteBook 645 is a cost-effective, powerful, and highly secure PC that allows easy standardization, while giving end-users the tools needed work from almost anywhere. Designed around the fundamental needs of enterprise businesses, this PC features the collaboration, power, and security your business needs to stay on top.

Make connections that matter

Take collaboration to the professional level with optional 4G[3] connectivity and audio/video enhancers powered by HP Presence[4] on the HP EliteBook 645. Enjoy the crystal-clear audio performance delivered by HP Dynamic Audio[5] and AI-based noise reduction 2.0.[6]

Protected by HP Wolf Security

HP Wolf Security for Business creates a hardware-enforced, always-on, resilient defense. From the BIOS to the browser, above, in, and below the OS, these constantly evolving solutions help protect your PC from modern threats.[7]

Fast and responsive performance

The globally available HP EliteBook 645 is equipped with the latest AMD processor[2] and has connected Modern Standby to get you back to work in seconds. Wirelessly transfer documents, photos and more from your phone with HP QuickDrop.[8]

*Product image may differ from actual product

Sustainability in action

Help protect our shared future

This PC contains at least 30-percent post-consumer recycled plastic in the bezel, at least 50-percent post-consumer recycled plastic in the keycaps[13], and the outer box packaging is 100-percent sustainably sourced.[12]

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Featuring

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Look your best, even in low light
Optimized for video calls in low-lighting conditions. The HD camera provides visual clarity, while temporal noise reduction lowers the effects of visual noise and pixelation, allowing increased definition so you can capture all the details.

Crisp and clear collaboration
AI-based noise reduction 2.0 improves collaboration by applying industry-leading noise-filtering technology to all audio input, giving you an enhanced audio and video conferencing experience even while wearing a mask.

Balanced light for a clear image
Backlight WDR includes quality dual image sensors, working together to balance the background and foreground lighting and contrast. Make sure you can clearly be seen without blurring out the background.

The next generation in resolution
Upscale your resolution and bring new dimension to your images. With Super Resolution, you can automatically upscale your camera resolution from HD (720p) to FHD (1080p) in a snap.

For the road warrior
If your travel schedule is going to keep you on the road, then consider configuring your PC with an optional larger battery that can keep you productive.

Additional storage
Take more of your files with you on the road with an optional second SSD drive.

Keep business moving forward
Work with a powerful, highly secure, and reliable AMD processor that helps defend against cold boot attacks with real-time encryption and decryption of your system's memory.

Stay Connected
Your "office" can be where you need it, letting you stay connected almost everywhere with support for optional gigabit class CAT 9 4G LTE wireless broadband technology.

Physical tamper protection
Know if someone has tried to open the cover of your PC thanks to a tamper lock intrusion detection system.

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Technical specifications

Available Operating Systems	Windows 11 Pro[1] Windows 11 Pro Education[1] Windows 11 Home – HP recommends Windows 11 Pro for business[1] Windows 11 Home Single Language[1] Windows 11 Pro (Windows 11 Enterprise or Windows 10 Enterprise available with a Volume Licensing Agreement)[1] Windows 11 Pro (preinstalled with Windows 10 Pro Downgrade)[1,2] FreeDOS
Processor family[6]	AMD Ryzen™ processor
Available Processors[3,4,5,6]	AMD Ryzen™ 7 PRO 5875U with AMD Radeon™ Graphics (2.0 GHz base clock, up to 4.5 GHz max boost clock, 16 MB L3 cache, 8 cores, 16 threads) AMD Ryzen™ 7 5825U with AMD Radeon™ Graphics (2.0 GHz base clock, up to 4.5 GHz max boost clock, 16 MB L3 cache, 8 cores, 16 threads) AMD Ryzen™ 5 PRO 5675U with AMD Radeon™ Graphics (2.3 GHz base clock, up to 4.3 GHz max boost clock, 16 MB L3 cache, 6 cores, 12 threads) AMD Ryzen™ 5 5625U with AMD Radeon™ Graphics (2.3 GHz base clock, up to 4.3 GHz max boost clock, 16 MB L3 cache, 6 cores, 12 threads) AMD Ryzen™ 3 5425U with AMD Radeon™ Graphics (2.7 GHz base clock, up to 4.1 GHz max boost clock, 8 MB L3 cache, 4 cores, 8 threads)
Maximum memory	64 GB DDR4-3200 MHz RAM [7] Both slots are customer accessible/upgradeable. Supports dual channel memory.
Memory slots	2 SODIMM
Internal storage	256 GB up to 1 TB PCIe® Gen4x4 NVMe™ M.2 SSD TLC[8,9] 256 GB up to 512 GB PCIe® Gen4x4 NVMe™ M.2 SED SSD TLC[8,9] 256 GB up to 512 GB PCIe® NVMe™ M.2 SSD[8] 128 GB up to 256 GB PCIe® NVMe™ Value M.2 SSD[8,44]
Display size (diagonal, metric)	35.6 cm (14")
Display	35.6 cm (14") diagonal, FHD (1920 x 1080), touch, narrow bezel, anti-glare, 250 nits, 45% NTSC; 35.6 cm (14") diagonal, FHD (1920 x 1080), IPS, narrow bezel, anti-glare, 1000 nits, 100% sRGB, HP Sure View integrated privacy screen; 35.6 cm (14") diagonal, FHD (1920 x 1080), IPS, narrow bezel, anti-glare, 250 nits, 45% NTSC; 35.6 cm (14") diagonal, HD (1366 x 768), SVA, anti-glare, 250 nits, 45% NTSC; 35.56 cm (14") diagonal, FHD (1920 x 1080), IPS, narrow bezel, anti-glare, 400 nits, 100% sRGB [15,16,17,18]
Available Graphics	Integrated: AMD Radeon™ Graphics[15] (Support HD decode, DX12, HDMI 2.1b.)
Audio	Dual stereo speakers, dual array microphones
Ports and connectors	1 USB Type-C® 10Gbps signaling rate (USB Power Delivery, DisplayPort™ 1.4); 3 USB Type-A 5Gbps signaling rate (1 charging); 1 AC power; 1 HDMI 2.1; 1 stereo headphone/microphone combo jack; 1 RJ-45[14] ; (HDMI cable sold separately.); Optional Ports: 1 Smartcard reader (optional); 1 External Nano SIM slot for WWAN[45]
Input devices	HP Premium Keyboard – spill-resistant with optional backlit keyboard[13]; Clickpad with multi-touch gesture support
Communications	Realtek RTL8111HSH GbE; Realtek RTL8111FPH GbE [38] ; Realtek Wi-Fi 6 RTL8852BE 802.11a/b/g/n/ax (1x1) and Bluetooth® 5.3 wireless card; Qualcomm® FastConnect™ 6900 Wi-Fi 6E (2x2) and Bluetooth® 5.2 wireless card [10,11,12] ; Intel® XMM™ 7560 LTE Advanced Pro Cat 16 ; NFC Mirage WNC XRAV-1
Camera	720p HD camera with temporal noise reduction (select models); IR camera [15]
Software	HP Connection Optimizer; HP Hotkey Support; HP MAC Address Manager; HP PC Hardware Diagnostics UEFI; HP Support Assistant; HP Power Manager; myHP; HP Privacy Settings; HSA Fusion for Commercial; HSA Telemetry for Commercial; Touchpoint Customizer for Commercial; HP Notifications; HP Quick Touch Buy Office (Sold separately)[19]
Available software	HP Smart Support[57]
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 [23,24,25,26,27,28,29,30,31,32,39,40]
Security Software Licenses	HP Wolf Pro Security Edition[56]
Fingerprint reader	Fingerprint sensor (select models)

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Management features	HP Client Management Script Library (download); HP Driver Packs (download); HP Client Catalog (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[21,22,41,42,43]
Available software	HP Smart Support[57]
Security Software Licenses	HP Wolf Pro Security Edition[56]
Power	HP Smart 65 W External AC power adapter; HP Smart 65 W EM External AC power adapter; HP Smart 45 W External AC power adapter; HP Smart 45 W 2-prong External AC power adapter; HP Smart 65 W USB Type-C® adapter; HP Smart 45 W USB Type-C® adapter[34]
Battery type	HP Long Life 3-cell, 42.75 Wh polymer; HP Long Life 3-cell, 51.3 Wh polymer[33]
Dimensions	32.19 x 21.39 x 1.99 cm 2.71 x 17.67 x 12 in 6.9 x 44.9 x 30.5 cm (Package)
Weight	Starting at 1.37 kg (Weight will vary by configuration. Does not include power adapter.)
Ecolabels	EPEAT® registered configurations available[36]
Energy star certified (series fixed)	ENERGY STAR® certified
Certification and compliance	CCC; CECP; GS Mark
Sustainable impact specifications	Low Halogen; Bulk packaging available; Molded paper pulp cushion inside box is 100% sustainably sourced and recyclable; Outside box and corrugated cushions are 100% sustainably sourced and recyclable; 15% post-consumer recycled plastic; Ocean-bound plastic in speaker enclosure(s)[37]
Warranty	HP Services offers 1-year or 3-year limited warranties 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 .

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Accessories and services (not included)

HP 635 Multi-Device Wireless Mouse		On the road. In the office. With one device or many. However you work, and whatever you work on, this is one mouse that's ready for anything. Comfortable and customizable with programmable buttons, it also includes Bluetooth® connectivity for added flexibility. **Product number: 1D0K2AA**
HP 975 Dual-Mode Wireless Keyboard		Now you can make your keyboard truly yours while enjoying an elevated typing experience. That's because you can connect up to 3 devices either via Bluetooth® or USB-A. We've also included many must-have features like comfortable, quiet, soft return keys, 20+ of which can be programmed with shortcuts, controllable smart backlight, and a long life, rechargeable battery. **Product number: 3Z726AA**
HP Stereo USB Headset G2		Plug right in and get ready to speak and hear clearly all day. With noise-cancelling, comfortable design, and easy adjustment, your sound comfort will carry you from call to call without interference or frustration. **Product number: 428H5AA**
HP E27 G4 FHD Monitor		Work comfortably and stay focused with the optimized ergonomics and Full HD resolution of the HP E27 G4 FHD Monitor with HP Eye Ease that is designed around you. Make life easy for IT with remote manageability. **Product number: 9VG71AA**

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Footnotes

Key Selling Points 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] Gigabit class 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.
[4] HP Presence requires myHP application and Windows OS.
[5] HP Dynamic Audio requires Windows 10 and higher, compatible with internal PC speakers and analog headsets.
[6] Requires the myHP application and Windows OS.
[7] HP Wolf Security for Business requires Windows 10 and higher, includes various HP security features and is available on HP Pro, Elite, Workstation, and RPOS products. See product details for included security features and OS requirements.
[8] Requires Internet access and Windows 10 and 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.
[9] Optional feature must be configured at the time of purchase.
[10] HP Tamper Lock must be enabled by the customer or your administrator.
[11] FHD display resolution required to view FHD images.
[12] 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.
[13] Recycled plastic content percentage is based on the definition set in the IEEE 1680.1-2018 standard.

Technical Specifications Footnotes

[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.
[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] AMD Max Boost frequency performance varies depending on hardware, software and overall system configuration.
[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 and 11) is reserved for system recovery software.
[9] Only functions at the Gen3x4 capacity with AMD Ryzen Barcelo processor.
[10] Wireless access point and Internet service required and sold separately. Availability of public wireless access points limited. Wi-Fi 6 (802.11ax) is backwards compatible with prior 802.11 specs.
[11] 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.
[12] 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.
[13] Backlit keyboard is an optional feature.
[14] SuperSpeed USB 20Gbps is not available with Thunderbolt™ 4.
[15] HD content required to view HD images.
[16] Resolutions are dependent upon monitor capability, and resolution and color depth settings.
[17] 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.
[18] Actual brightness will be lower with touchscreen or Sure View.
[19] HP Support Assistant requires Windows and Internet access.
[20] Windows 10 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 http://www.bapco.com for additional details.
[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 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 Manager Gen7 requires Windows and is available on the select HP Elite and Pro PCs.
[25] 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. 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 Admin requires Windows 10, 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.
[29] HP BIOSphere Gen6 features may vary depending on the platform and configuration.
[30] HP Sure Run Gen5 is available on select HP PCs and requires Windows 10 and higher.
[31] 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.
[32] HP Sure Start Gen7 is available on select HP PCs and requires Windows 10 and higher.
[33] 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.
[34] Availability may vary by country.
[35] 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.
[36] Based on US EPEAT® registration according to IEEE 1680.1-2018 EPEAT®. EPEAT® status varies by country. Visit www.epeat.net for more information.
[37] External power supplies, power cords, cables and peripherals are not Low Halogen. Service parts obtained after purchase may not be Low Halogen.
[38] 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.
[39] Secured-core PC requires an AMD Ryzen™ Pro processor with SD850 or higher and requires 8 GB or more system memory. Secured-core PC is enabled from the factory.
[40] HP Fingerprint sensor is an optional feature that must be configured at purchase.
[41] 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 .
[42] 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 .
[43] 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.
[44] Second storage is only available with non-WWAN base unit and Primary M.2 storage.
[45] SIM slot is not user accessible without WWAN configuration.
[56] HP Wolf Security for Business requires Windows 10 or higher, includes various HP security features and is available on HP Pro, Elite, RPOS and Workstation products. See product details for included security features and OS requirement.