HP EliteBook 645 14 inch G10 Notebook PC



Flexibility for hybrid work

Highly secure, easily managed, costeffective, and equipped with the latest AMD processor, the HP EliteBook 645 supplies teams with the connectivity options and configurable ports they need to stay productive in the office, at home, and on the qo.



*Product image may differ from actual product

HP recommends Windows 11 Pro for business

Dynamic performance

Featuring the latest AMD processor², long battery life, three USB Type-A ports (USB 3.2 Gen 1), and one
multifunction USB Type-C[®] port, the HP EliteBook 645 is easily serviceable and available globally helping to
simplify manageability across your fleet of PCs.

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.³

Make connections that matter

Take presenting in a hybrid work environment to the next level. Let your audience see you clearly with an
optional SMP IR camera⁴ with HP Auto Frame.⁵ Enjoy the crystal-clear audio performance delivered by HP
Dynamic Voice Leveling6 and HP AI Noise Reduction.⁶

Outer box packaging 100% sustainably sourced

- This PC contains at least 30-percent post-consumer recycled plastic in the bezel, at least 50-percent post-consumer recycled plastic in the keycaps⁸, and the outer box packaging is 100-percent sustainably sourced.⁹
- Manage and monitor your battery's performance and condition and customize charging options with the easy-to-use HP Power Manager dashboard.⁷
- The HD camera with temporal noise reduction6 lowers the effects of visual noise and pixelation. HP Backlight
 Adjustment includes dual image sensors, that balance contrast, background, and foreground lighting so you
 can capture all the details.⁶
- This PC contains at least 30-percent post-consumer recycled plastic in the bezel, at least 50-percent postconsumer recycled plastic in the keycaps, and the outer box packaging is 100-percent sustainably sourced.^{8,9}
- Move around a little without losing viewers' attention during video calls with optional HP Auto Frame. 5
- HP Dynamic Voice Leveling automatically optimizes voice clarity within 3-meters of the PC. HP AI Noise Reduction uses noise-filtering technology to enhance audio conferencing experience even while wearing a mack.⁶
- Optional TÜV certified HP Eye Ease low blue light anti-glare panels help remove blue light waves while vivid color accuracy.¹⁰
- Help speed up image creation and the management of hardware, BIOS, and security when managing devices through Microsoft Endpoint Manager with the HP Manageability Integration Kit.¹¹
- Firmware attacks can completely devastate your PC. Stay protected with HP Sure Start Gen7, the self-healing BIOS that automatically recovers itself from attacks or corruption.¹²
- Stop unwanted changes to security settings and help limit the spread of malware with HP Sure Run Gen5 which identifies, quarantines, and provides reporting on attackers trying to kill processes.
- 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.¹⁴
- HP Sure Recover Gen5 ensures fast, secure, and automated recovery of the OS over LAN or Wi-Fi® from advanced malware attacks. End users can now pause or retry if the connection is lost and it's corporate image ready for fleet deployments.
- Help protect your PC from websites and read-only Microsoft Office and PDF attachments with malware, ransomware, or viruses with hardware-enforced security from HP Sure Click.¹⁶

HP EliteBook 645 14 inch G10 Notebook PC Specifications Table







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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 – HP recommends Windows 11 Pro for business ¹ Windows 11 Home Single Language – HP recommends Windows 11 Pro for business 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™ 3 processor; AMD Ryzen™ 5 PRO processor; AMD Ryzen™ 5 processor; AMD Ryzen™ 7 PRO processor; AMD Ryzen™ 7 processor		
Available Processors ^{3,4,5}	AMD Ryzen™ 7 PRO 7730U 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™ 7730U 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 7530U with AMD Radeon™ Graphics (2.0 GHz base clock, up to 4.5 GHz max boost clock, 16 MB L3 cache, 6 cores, 12 threads); AMD Ryzen™ 5 7530U with AMD Radeon™ Graphics (2.0 GHz base clock, up to 4.5 GHz max boost clock, 16 MB L3 cache, 6 cores, 12 threads); AMD Ryzen™ 3 7330U with AMD Radeon™ Graphics (2.3 GHz base clock, up to 4.3 GHz max boost clock, 8 MB L3 cache, 4 cores, 8 threads)		
Maximum memory	64 GB DDR4-3200 SDRAM ⁷ Both slots are customer accessible/upgradeable. Supports dual channel memory.		
Memory slots	2 SODIMM		
Internal storage	512 GB up to 2 TB PCIe® Gen4x4 NVMe™ M.2 SSD TLC ^{8,9} 256 GB up to 1 TB PCIe® Gen4x4 NVMe™ M.2 SED SSD TLC ^{8,9} 256 GB up to 512 GB PCIe® NVMe™ M.2 SSD ⁸ up to 256 GB PCIe® NVMe™ Nalue SSD ^{8,10}		
Display size (diagonal, metric)	35.6 cm (14°)		
Display	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), narrow bezel, anti-glare, 250 nits, 45% NTSC; 35.6 cm (14") diagonal, FHD (1920 x 1080), IPS, micro-edge, anti-glare, 250 nits, 45% NTSC; 35.6 cm (14") diagonal, FHD (1920 x 1080), touch, IPS, micro-edge, anti-glare, 250 nits, 45% NTSC; 35.6 cm (14") diagonal, FHD (1920 x 1080), IPS, anti-glare, 1000 nits, 100% sRGB; 35.6 cm (14") diagonal, FHD (1920 x 1080), IPS, anti-glare, 400 nits, 100% sRGB ^{171,61920,21} (1920 x 1080), IPS, anti-glare, 400 nits, 100% sRGB ^{171,61920,21}		
Available Graphics	Integrated: AMD Radeon™ Graphics (Support HD Decode, DX12, and HDMI 1.4b.)		
Audio	Dual stereo speakers, dual array microphones		
Wireless technologies	(Compatible with Miracast-certified devices.)		
Ports and Connectors	1 Stereo headphone/microphone combo jack; 1 SuperSpeed USB Type-C® 10Gbps signaling rate (USB Power Delivery, DisplayPort™ 1.4); 1 AC power; 1 RJ-45; 1 HDMI 2.1; 3 SuperSpeed USB Type-A 5Gbps signaling rate (USB Power Delivery); (HDMI cable sold separately.); Optional Ports: 1 Smartcard reader (optional); 1 External Nano SIM slot for WWAN¹¹		
Input devices	HP Premium Keyboard – spill resistant, optional backlit keyboard ¹⁶ , Clickpad with multi-touch gesture support;		
Communications	Realtek RTL8111FPH 10/100/1000 GbE NIC; Realtek RTL8111HSH 10/100/1000 GbE NIC ¹⁵ ; Mediatek Wi-Fi 6E RZ616 (2x2) and Bluetooth® 5.3 wireless card; Realtek Wi-Fi 6E RTL8852CE 802.11a/b/g/n/ax (2x2) and Bluetooth® 5.3 wireless card ^{12,13,14} ; Intel® XMM™ 7560 LTE Advanced Pro; NFC Mirage WNC XRAV-1		
Camera	5 MP camera; 720p HD camera with temporal noise reduction (select models); IR Camera (select models) 17,18		
Software	HP Connection Optimizer; HP Hotkey Support; HP Support Assistant; HP Power Manager; myHP; HP Privacy Settings; HP Notifications; HP PC Hardware Diagnostics Windows; HP Services Scan; HP Smart Support (download); Buy Office (Sold separately) ^{21,22,23}		
Security management	HP Sure Click; HP Sure Sense; HP Sure Admin; HP Client Security Manager Gen7; HP Sure Start Gen7; HP Tamper Lock; HP Sure Run Gen5; HP Sure Recover Gen5, 2829,3031,3233,3435		
Security Software Licenses	HP Wolf Pro Security Edition ⁵⁶		
Fingerprint reader	Fingerprint sensor (select models)		
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 ^{24,25,26}		
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 45 W USB Type-C® adapter 40		
Battery type	HP Long Life 3-cell, 42.75 Wh polymer; HP Long Life 3-cell, 51.3 Wh polymer		
Dimensions	32.19 x 21.39 x 1.99 cm		
Weight	Starting at 1.4 kg; (Weight will vary by configuration. Does not include power adapter.)		
Ecolabels	CECP; EPEAT® Gold registered; SEPA; TCO Certified ⁴²		
Energy star certified (series fixed)	ENERGY STAR® certified		
Sustainable impact specifications	Low Halogen ⁴³		
Warranty	HP Services offers 1-year to 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 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: 428K6AA

Google tested to meet Chromebook compatibility standards.

² This product works with devices capable of running the latest version of Chrome OS and has been certified to meet Google's compatibility standards. Google is not responsible for the operation of this product or its compliance with safety requirements. Chromebook and the Works With Chromebook badge are trademarks of Google LLC.

HP 455 Programmable Wireless Keyboard



Now you can get everything you want in a wireless keyboard – comfort, productivity, reliability and style. Customize the functions of 20+ keys 1 to work faster and smarter. Made with sustainably-sourced materials², it's also easy to keep clean and sanitary³

Product number: 4R177AA

- Requires HP Accessory Center (HPAC) Software. HPAC available for free download in Microsoft
- Store or Apple Store.

 Recycled plastic content percentage is based on the definition set in the IEEE 1680.1-2018 EPEAT standard. Keyboard contains 62% PCR.

HP Universal USB-C Multiport Hub



Unlock new possibilities with the HP Universal USB-C Multiport hub, now supporting any USB-C[®] compatible PC. 7 ports, 1 power and data passthrough cable, and many peripherals to plug and play however you like. It also supports dual 4K² displays via HDMI 2.0 and 1 DisplayPort™ 1.2. This hub is all you need to stay connected.

- Product number: 50H55AA

 USB Type-C® and USB-C® are trademarks of USB Implementers Forum.
- ² 4K content required to view full 4K images.

HP Renew Executive 16-inch Laptop **Backpack**



We've put an all-new spin on premium design and high quality materials. Crafted with functional style, this backpack expands to fit your work or life needs. Not that you'll run out of pockets to store all your devices, though. Keep what's important close to you and keep your commitment to the planet with the external material containing 100% recycled plastics¹.

Product number: 6B8Y1AA

- ¹ Exterior material contains 100% recycled PET prior to the addition of dye, the equivalent of nine 16.9 oz. recycled plastic water bottles.
 ² Lysol Disinfectant Spray Type C (EPA Registration No. 777–54-AA) can be used to clean the HP
- Renew Executive 16-inch Laptop Backpack up to 50 times. See Lysol's use instructions.

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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 HP Wolf Security for Business requires Windows 10 Pro 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.

 ⁴ Optional featuremust be configured at time of purchase.

 ⁵ HP Auto Frame available only with optional 5MP camera that must be configured at time of the products. See product details for included security features and OS requirements.

- FIH Auto Frame available only with optional 5MP camera that must be configured at purchase. Requires the myHP application and Windows OS.

 Recycled plastic content percentage is based on the definition set in the IEEE 1680 1-2018 standard.

 Recycled plastic content percentage is based on the definition set in the IEEE 1680 1-2018 standard.

 10 tow bluelight panel is only available with 400nit non-touch models without HP sure View Reflect.

 11 HP Manageability integration Kit can be downloaded from http://www.8.hp.com/us/seh/ads/klientmanagement/overview.html.

 12 HP Sure Start Gen7 is available on select HP PCs and requires Windows 10 Pro and higher.

 13 HP Sure Num Gen5 is available on select HP PCs and requires Windows 10 Pro and higher.

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

 15 HP Sure Nove Reflect integrated privacy screen is an optional feature that must be configured at purchase and one pen 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-Fis only available on PCs with Intel Wi-FiModule.

 16 HP Sure Click requires Windows 10 and higher. See https://bit.ly/2Prt16A_SureClick for complete details.

Technical Specifications Footnotes

- Not all features are available in all editions or versions of Windows. Systems may require upgraded and *bit* 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. SP 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 alticense 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. A volume to the scale and additional for the windows software at a time. Switching between versions will require you to uninstall one version and install the other version. You must backup all data files, photos, etc.) before uninstalling on perating systems to avoid loss of your data.

 3 Multicoreis 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.

- "Processor's peed denotes maximum performance mode; processor's will run at lower speeds in battery optimization mode.

 5 AMD Max Boost frequency performance wises 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 or perating system on products configured with Intel and AMD 7 th 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 Gen 3x4 capacity with AMD Rycen Barcelo processor.

- 10 Secondary SSD slot (M.2 2230 form factor, Optional) is used for data storage only, not used for OS deployment, and is only available with non-WWAN base Unit AND Primary M.2 storage.
 11 SM slot is not user accessible without WWAN configuration.

- 19 Miotis notuser accessible without WMAn configuration.
 12 Wi-FiGE requires a Wi-FiGE router, sold separately to function in the 6GHz band. Availability of public wireless access points limited. Wi-FiGE is backwards compatible with prior 80.2.11 specs. And available in countries where Wi-FiGE is supported.
 13 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. A GLTE notavailable on all products, in all regions.
 14 Miracast is a wireless technology your PC can use to project your screen to TVs, projectors, and streaming.
 15 The term *10/100/1000* or *Gigabit* Ethernet indicates compatibility with EEE 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 indicates compatibility with EEE standard 802.3ab for Gigabit Ethernet, and does not connote actual operating speed of 1 Gb/s.
- network in frastructure is required

- network infrastructure's required.

 18 packlik keyboard is an optional feature.

 17 HD content required to view HD images.

 18 Sold separately or as an optional feature.

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

 21 HP SmartSupport requires HP TechPulse to be installed. For more information about how to enable or to download HP SmartSupport, please visit http://www.hp.com/smart-support.

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 21 HP SmartSupport requires HP TechPulse Scan is provided with Windows update on select products and will check entitlement on each hardware device to determine if an HP TechPulse-enabled service has been purchased, and will download applicable software automatically. HP TechPulse is a telemetry and analytics platform that provides critical data around devices and applications and is not sold as a standal one service. HP TechPulse follows stringent GDPR privacy regulations and is S027001, S027701, S027017 and S0C2 Type2 certified for information Security. Internet access with connection to TechPulseportal is required. For full system requirements or to disable this feature, please visit http://www.hpdaas.com/requirements. Not applicable in China.

 23 HP Support Assistance requires Windows and Internet Access.

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

- 25 HP Manageability integration Kit can be downloaded from http://www8.hp.com/us/en/ads/klientmanagement/overview.html.
 26 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
- 26 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://www.h.h.p.com/u.seh/ads.klientmanagement/beveriew.html.

 28 HP Sure Click requires Windows 10 Pro or higher or Enterprise. Seehttps://bit.ly/2PrtT6A_SureClick for complete details.

 29 HP Sure Sensels available on select HP PCs with Windows 10 Pro, Windows 10 Enterprise, Windows 11 Enterprise 0525. HP Sure Run Gen5 is available on select HP PCs and requires Windows 10 and higher. 26. HP Sure Recover Gen5 with Embedded Reimaging is an optional feature which requires Windows 10 and higher 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-Fis only available on PCs with Intel Wi-Fimodule.

 31 HP Sure Recover Gen5 with Embedded Reimaging is an optional feature which requires Windows 10 and higher.

 31 HP Sure Recover Gen5 with Embedded Reimaging is an optional feature which requires Windows 10 and higher 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-Fis only available on PCs with Intel Wi-Fimodule.

 31 HP Sure Recover Gen5 with Embedded Reimaging is an optional feature which requires Windows 10 and higher.

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 35 HP Sure Recover Gen5 with Embedded Reimaging is an optional feature Windows 10 and higher.

 36 HP Sure Recover Gen5 with Embedded Reimaging is an optional feature Windows 10 and higher.

 37 HP Sure Recover Gen5 features Windows 10 and higher.

 38 HP Sure Recover Gen5 featur

- ¹⁰ Availability may vary by country.
- 1 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
- 4 HP Care Packs aresold 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 http://www.hp.pc.mdp.dcpr.-. HP services are governed by the applicable HP terms and conditions of service or the HP terms and the HP

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