

HP EliteBook 645 14 inch G11 Notebook PC

Customize configurations to suit business needs

Meet the different requirements within your workforce with the wide range of configurable features on the highly secure and easily managed HP EliteBook 645. Designed with a 16:10 ratio screen that reduces the need to scroll and an AMD Ryzen™ 7000 Series processor² that fits easily into existing IT environments.

Latest performance improvements

See more vertical content in a surprisingly small footprint on the 16:10 ratio display that reduces the need to scroll. Enjoy port arrangements, including two USB-C® ports in user friendly locations that allow for a thin chassis design.

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

Let your audience see you clearly with a hybrid work-ready optional 5MP IR camera.⁴ Enjoy crystal-clear audio from AI Noise Reduction⁵, and speakers tuned by Poly Studio.



*Product image may differ from actual product

Sustainability in action

Help protect our shared future

Responsible design brings non-backlit keycaps that contain 80-percent post-consumer recycled plastic⁷ (PCR) and a resin containing 5-percent ocean-bound expanded polystyrene.⁷ Optional backlit keycaps⁴ contains 50-percent PCR plastic.⁷



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Featuring

Easy battery management

Manage and monitor your battery's performance and condition and customize charging options with the easy-to-use HP Power Manager dashboard.⁵

Energy consumption meter

Utilize the Energy Consumption Meter that provides power usage tracking⁸ and suggestions to reduce energy use, representing the latest in responsible design from HP.

Crisp and clear collaboration

AI Noise Reduction⁵ improves collaboration by applying industry-leading noise-filtering technology to all audio input—suppressing incoming and outgoing background noise—providing an enhanced audio-conferencing experience.

Safety first

Optional TÜV certified HP Eye Ease low blue light anti-glare panels⁹ help remove blue light waves while vivid color accuracy.

Speed up the basics of IT management

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.¹⁰

Automatic recovery from firmware attacks

Firmware attacks can completely devastate your PC. Stay protected with HP Sure Start¹¹, the self-healing BIOS that automatically recovers itself from attacks or corruption.

Keep your PC's security protections in place

Stop unwanted changes to security settings and help limit the spread of malware with HP Sure Run¹² which identifies, quarantines, and provides reporting on attackers trying to kill processes.

Keep visual hackers at bay

Stop shoulder surfers in their tracks with optional HP Sure View¹³ that you can quickly activate with one keystroke. When activated Sure View reduces visual light making it unreadable when the screen is viewed from the side.

Recovery simplified

HP Sure Recover 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 lost¹⁴ and it's corporate image ready for fleet deployments.

Browse confidently

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.¹⁵



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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 – 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 FreeDOS
Processor family	AMD Ryzen™ 3 PRO processor AMD Ryzen™ 3 processor AMD Ryzen™ 5 PRO processor AMD Ryzen™ 5 processor AMD Ryzen™ 7 PRO processor AMD Ryzen™ 7 processor
Available Processors ^{2,3}	AMD Ryzen™ 7 7735U with Radeon™ Graphics (2.7 GHz base clock, up to 4.7 GHz max boost clock, 16 MB L3 cache, 8 cores, 16 threads) AMD Ryzen™ 5 7535U with Radeon™ Graphics (2.9 GHz base clock, up to 4.5 GHz max boost clock, 16 MB L3 cache, 6 cores, 12 threads) AMD Ryzen™ 3 7335U with Radeon™ Graphics (3.0 GHz base clock, up to 4.3 GHz max boost clock, 8 MB L3 cache, 4 cores, 8 threads) AMD Ryzen™ 7 PRO 7735U with Radeon™ Graphics (2.7 GHz base clock, up to 4.7 GHz max boost clock, 16 MB L3 cache, 8 cores, 16 threads) AMD Ryzen™ 5 PRO 7535U with Radeon™ Graphics (2.9 GHz base clock, up to 4.5 GHz max boost clock, 16 MB L3 cache, 6 cores, 12 threads) AMD Ryzen™ 3 PRO 7335U with Radeon™ Graphics (3.0 GHz base clock, up to 4.3 GHz max boost clock, 8 MB L3 cache, 4 cores, 8 threads)
Maximum memory	64 GB DDR5-4800 MT/s RAM; (Transfer rates up to 4800 MT/s.) Dual channel support. ⁴
Memory slots	2 SODIMM
Internal storage	512 GB PCIe® Gen4x4 NVMe™ M.2 SSD TLC ⁵ 512 GB up to 1 TB PCIe® Gen4x4 NVMe™ M.2 SED SSD TLC ⁵ 256 GB up to 512 GB PCIe® NVMe™ M.2 SSD ⁵
Display size (diagonal, metric)	35.6 cm (14")
Display ^{12,13,14,15,16}	35.6 cm (14") diagonal, WUXGA (1920 x 1200), IPS, anti-glare, 400 nits, low power, 100% sRGB with HP Eye Ease; 35.6 cm (14") diagonal, WUXGA (1920 x 1200), IPS, BrightView, 1000 nits, 100% sRGB, HP Sure View Reflect integrated privacy screen with HP Eye Ease; 35.6 cm (14") diagonal, WUXGA (1920 x 1200), IPS, anti-glare, 300 nits, 45% NTSC; 35.6 cm (14") diagonal, WUXGA (1920 x 1200), touch, IPS, anti-glare, 300 nits, 45% NTSC
Available Graphics	Integrated: AMD Radeon™ Graphics ⁴⁹ (Support DX12 and HDMI 2.1.)
Audio	Audio by Poly Studio, dual stereo speakers with discrete amplifiers, integrated dual array microphones
Ports and connectors	2 USB Type-C® 40Gbps signaling rate (USB Power Delivery, DisplayPort™ 1.4); 2 USB Type-A 5Gbps signaling rate (1 charging, 1 power); 1 HDMI 2.1; 1 stereo headphone/microphone combo jack; 1 RJ-45 ¹⁰ ; (HDMI cable sold separately.); Optional Ports: 1 Smartcard reader (optional)
Input devices	Spill-resistant, optional backlit keyboard with DuraKeys ⁵¹ ; Clickpad with multi-touch gesture support; Microsoft Precision Touchpad; Thermal sensor; HP Tamper Lock; Hall effect sensor ²⁰ ; Ambient light sensor
Communications	Realtek RTL8111EP 10/100/1000 GbE NIC; Realtek RTL8111HSH-CG 10/100/1000 GbE NIC ⁸ ; MediaTek Wi-Fi 6E RZ616 (2x2) and Bluetooth® 5.3 wireless card ; HP 4000 4G LTE Advanced Pro ; NFC Mirage WNC XRAV-1 ⁶
Camera	5 MP camera; IR Camera (select models); FHD camera (select models) ¹²
Software	Adobe offer; Buy Office; HP Connection Optimizer; HP Easy Clean; HP Easy Clean Keyboard Driver; HP MAC Address Manager; Copilot in Windows with Copilot key ³⁹ ; HP PC Hardware Diagnostics UEFI; HP PC Hardware Diagnostics Windows; HP Power Manager ⁴⁰ ; HP Privacy Settings; HP Services Scan ⁴¹ ; HP Smart Support ⁵⁷ ; HP Support Assistant ²¹ ; HSA Fusion for Commercial; HSA Telemetry for Commercial; myHP; Miro offer ²²
Security management	HP Client Security Manager; HP Sure Admin ²⁷ ; HP Sure Click ²⁸ ; HP Sure Recover Gen6 ²⁹ ; HP Sure Run Gen5 ³⁰ ; HP Sure Sense; HP Sure Start Gen7 ³¹ ; HP Tamper Lock ²⁰ ; Secured-Core PC Enable ³² ; TPM 2.0 Embedded Security Chip (Common Criteria EAL4+ Certified) (FIPS 140-2 Level 2 Certified); Absolute Persistence Module ³³ ; BIOS Update via Network; HP BIOSphere Gen6 ³⁴ ; HP DriveLock and Automatic DriveLock; HP Secure Erase ³⁵ ; HP Wake on WLAN; Windows Hello Enhanced Sign-in Security (ESS) Enable; Security lock slot ⁴³
Security Software Licenses	HP Wolf Pro Security Edition ⁵⁶
Fingerprint reader	Fingerprint sensor (select models)



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Management features	HP Client Catalog (download); HP Cloud Recovery ²³ ; HP Connect for Microsoft Endpoint Manager ²⁴ ; HP Client Management Script Library (download); HP Driver Packs (download); HP Image Assistant (download); HP Manageability Integration Kit (download) ²⁵ ; HP Patch Assistant (download) ²⁶
Memory card device	1 nano SIM (optional)
Power	65 W USB Type-C® adapter; HP 65 W USB Type-C® Halogen-free adapter ¹⁸
Battery type	HP Long Life 3-cell, 56 Wh Li-ion polymer ¹⁷ ; Battery is internal and not replaceable by customer. Serviceable by warranty. Fast charging 50% in 30 minutes. ¹⁹
Battery life	Up to 14 hours and 15 minutes ⁴⁸
Dimensions	31.86 x 22.44 x 1.09 cm (front); 31.86 x 22.43 x 1.7 cm (rear); (Front height measurement is near the front edge where the chassis bottom cover taper begins. Back height measurement is near the back edge where the chassis bottom cover taper ends.); 2.71 x 17.67 x 12 in 6.9 x 44.9 x 30.5 cm (Package)
Weight	Starting at 1.39 kg; (Weight will vary by configuration. Does not include power adapter.)
Ecolabels	EPEAT® registered configurations available; TCO Certified configurations available; EPEAT® Gold registered in the U.S. ³⁷
Energy star certified	ENERGY STAR® certified
Certification and compliance	GS Mark; CSA/UL 62368-1; FCC/ICES/CISPR/VCCI; CE Marking; China CCC/SRRC; Taiwan BSMI/NCC; Korea KCC/KC/KES; Ukraine NSoC/TEC; EAEU Compliance; Saudi Arabian Compliance; Low blue light; WW RoHS
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; 20% post-consumer recycled plastic; Ocean-bound plastic in speaker enclosure and system fan; 50% recycled metal ^{38,44,45,46,47}
Warranty	1-year warranty 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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Footnotes

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 or 11 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 feature must be configured at time of purchase.

⁵ Requires the myHP application and Windows OS.

⁶ Recycled plastic content percentage is based on the definition set in the IEEE 16801:2018 standard.

⁸ Power tracking data expected May 2024. Energy Consumption Meter requires Windows 10 and registration for the Workforce Experience platform at <https://admin.hp.com>. Some features and capabilities may require additional purchase of HP services and/or commercial hardware capable of supporting the HP Insights agent for Windows, Mac, & Android. Activation and restrictions may apply. Select HP Workforce Solutions require an HP Insights agent for Windows, Mac, & Android, available for download at <https://admin.hp.com/software>. For full system requirements and services that require the agent, please visit <https://admin.hp.com/requirements>. The agent collects telemetry and analytics around devices and applications that integrate into the Workforce Experience platform and is not sold as a standalone service. Internet access with connection to the Workforce Experience platform is required. HP follows stringent GDPR privacy regulations, and the platform is ISO27001, ISO27701, ISO27017 and SOC2 Type2 certified for Information Security. Fleet management requires HP Proactive Insights.

⁹ Low blue light panel is only available with 400nit non-touch models without HP Sure View Reflect.

¹⁰ HP Manageability Integration Kit can be downloaded from <http://www8.hp.com/us/en/ads/clientmanagement/overview.html>.

¹¹ HP Sure Start Gen7 is available on select HP PCs and requires Windows 10 Pro and higher.

¹² HP Sure Run Gen5 is available on select HP PCs and requires Windows 10 Pro and higher.

¹⁴ HP Sure Recover Gen5 is available on select HP PCs and requires Windows 10 Pro and higher 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 a Wi-Fi Module.

¹⁵ HP Sure Click requires Windows 10 and higher. See https://bit.ly/2PrLT6A_SureClick for complete details.

Specification 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 is automatically updated and enabled. High speed Internet and Microsoft account required. ISP fees may apply and additional requirements may apply over time for updates. See <http://www.windows.com>.

² 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.

³ Max Boost clock frequency performance varies depending on hardware, software and overall system configuration.

⁴ 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.

⁵ For storage drives, GB = 1 billion bytes. TB = 1 trillion bytes. Actual formatted capacity is less. Up to 30GB of disk is reserved for system recovery software.

⁶ Wi-Fi 6E requires a Wi-Fi 6E router, and Windows 11, 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.

⁷ 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.

⁸ 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.

⁹ Miracast is a wireless technology your PC can use to project your screen to TVs, projectors, and streaming.

¹⁰ USB 20Gbps speed is not available with Thunderbolt™ 4.

¹² WUXGA/FHD resolution content required to view WUXGA/FHD resolution images.

¹³ Resolutions are dependent upon monitor capability, and resolution and color depth settings.

¹⁴ 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.

¹⁵ Actual brightness will be lower with touchscreen or Sure View.

¹⁶ All specifications represent the typical specifications provided by HP's component manufacturers; actual performance may vary either higher or lower.

¹⁷ For new batteries, actual Battery Watt-hours (Wh) may differ from the design capacity and may have a full charge capacity that differs by up to 10, which is typical for lithium-ion batteries. Battery capacity naturally decreases over time and with use, depending on several factors such as battery health management settings, shelf life, temperature, environment, loaded apps, features, system configuration, and power settings.

¹⁸ Availability may vary by country.

¹⁹ Recharges up to 50% within 30 minutes when the system is off or in standby mode when used with the power adapter provided with the notebook. Power adapter minimum of 65 watts required for battery capacities 56Whr or less. Power adapter minimum of 100 watts required for battery capacities greater than 56Whr and less than 83Whr. Power adapter minimum of 120 watts required for battery capacities greater than 83Whr and less than 100Whr. After charging has reached 90% capacity, charging speed will return to normal. Charging time may vary +/-10% due to System tolerance.

²⁰ HP Tamper Lock must be enabled by the customer or your administrator.

²¹ HP Support Assistant is available on Windows. For more information, please visit www.support.hp.com/help/hp-support-assistant.

²² HP customers qualify for a 90 day trail of Miro, this offer ends September 2025. Complete terms and conditions are provided by Miro when accepting the offer.

²³ HP Cloud Recovery is available for Z by HP, HP Elite and Pro desktops and laptops PCs with Intel® or AMD processors requires an open 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>.

²⁴ 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.

²⁵ HP Manageability Integration Kit can be downloaded from <http://www8.hp.com/us/en/ads/clientmanagement/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.

²⁷ HP Sure Admin requires HP G8 or newer platforms, Windows 10 or higher, HP BIOS, HP Manageability Kit or KMS Service from <http://www.hp.com/go/clientmanagement> and HP Sure Admin Local Access Authenticator smartphone app from the Android or Apple store.

²⁸ HP Sure Click requires Windows 10 and higher. See https://bit.ly/2PrLT6A_SureClick for complete details.

²⁹ HP Sure Recover is available on select HP PCs and requires Windows 10 or 11 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. HP Sure Recover Gen6 with Embedded Reimaging is an optional feature on select HP PCs which requires Windows 10 or 11 must be configured at purchase. You must back up important files, data, photos, videos, etc. before use to avoid loss of data.

³⁰ HP Sure Run is available on select HP PCs and requires Windows 10 and higher.

³¹ HP Sure Start is available on select HP PCs and requires Windows 10 and higher.

³² Secured-Core PC Enable 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 is enabled from the factory.

³³ 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/>

³⁴ HP BIOSphere features may vary depending on the platform and configuration.

³⁵ HP Secure Erase Implements the methods outlined in the National Institute of Standards and Technology Special Publication 800-88r "Clear" sanitation method. HP Secure Erase does not support platforms with Intel® Optane™.

³⁶ HP Fingerprint Reader is an optional feature that requires Windows 10 or 11 and must be configured at purchase.

³⁷ Based on US EPEAT® registration according to IEEE 16801:2018 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 Requires Windows 11 and an NPU. Timing of feature delivery and availability varies by market and device. Requires Microsoft account to log in. Where Copilot in Windows is not available, the Copilot key will lead to the Bing search engine. See <http://aka.ms/WindowsAIfeatures>.

⁴⁰ HP Power Manager requires Windows 10 and higher and can be downloaded from the Microsoft Store. Depending on what version of HP Battery Health Manager (BHM) is available for your device, HP BHM may look at a number of factors to determine how to adjust battery charging over time to optimize battery health. HP BHM is preset to "Let HP Manage my Battery Charging" to allow the system to balance charging between battery health and battery duration. As Let HP Manage My Battery Charging adjusts charge capacity, the amount of run-time on battery will be reduced over time. HP may utilize BIOS updates to adjust BHM settings on select systems to optimize battery health and reduce exposure to those factors that can accelerate battery degradation. To update or change HP BHM settings and for complete details, see https://support.hp.com/us-en/document/ish_4449597-3519507-16

⁴¹ HP Services 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. For full system requirements or to disable this feature, please visit <http://www.hpdaas.com/requirements>. Not applicable in China.

⁴³ Lock is sold separately.

⁴⁴ Molded pulp cushions made from 100% recycled wood fiber and organic materials.

⁴⁵ 100% outer box packaging and corrugated cushions made from sustainably sourced certified and recycled fibers.

⁴⁶ Recycled plastic content percentage is based on the definition set in the IEEE 16801:2018 standard.

⁴⁷ Percentage of ocean-bound plastic contained in each component varies by product.

⁴⁸ Mobile Mark 25 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.

⁴⁹ Hardware acceleration for CODEC H.265/HEVC (High Efficiency Video Coding) is disabled on this platform, including the current configuration and alternate options.

⁵⁶ HP Wolf Pro Security Edition is available preloaded on select SKUs, and, depending on the HP product purchased, includes a license with a term length communicated to you at purchase and in your order confirmation email. The HP Wolf Pro Security Edition software is licensed under the license terms of the HP Wolf Security Software - End-User license Agreement (EULA) that can be found at: https://support.hp.com/us-en/document/ish_3875769-3873014-16 as that EULA is modified by the following: 7. Term. Unless otherwise terminated earlier pursuant to the terms contained in this EULA, the license for the HP Wolf Pro Security Edition is effective upon 4 months after the date the HP Product was shipped by HP and will continue for the term communicated to you at purchase and in your order confirmation email ("Initial Term"). At the end of the Initial Term you may either (a) purchase a renewal license for the HP Wolf 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. Notwithstanding the foregoing, the license shall expire no later than one year after the fixed term of the subject license ends.

⁵⁷ HP Smart Support requires the HP agent to be installed. For more information about how to enable or to download HP Smart Support, please visit <http://www.hp.com/smart-support>. HP Services Scan is provided thru Windows Update and will check entitlement on each hardware device to determine if an HP agent-enabled service has been purchased, and will download applicable software automatically. The HP agent is a telemetry and analytics platform that provides critical data around devices and applications and is not sold as a standalone service. HP follows stringent GDPR privacy regulations and is ISO27001, ISO27701, ISO27017 and SOC2 Type2 certified for Information Security. Internet access is required. For full system requirements or to disable this feature, please visit <http://www.hpdaas.com/requirements>.

