

HP ProBook x360 435 G8 Notebook PC



Impressive design backed by power and security

The HP ProBook x360 435 delivers the power, security, and durability your growing business demands in a versatile 360° design that adapts to the way you work.



*Product image may differ from actual product

HP recommends Windows 10 Pro for business

Adapts for the way you work

- The versatile ultraslim HP ProBook x360 435 adapts throughout the day, with four use modes that enable you to create, present, and collaborate in a comfortable way.

Multi-layered security protection

- Your growing business requires the protection of a PC with commercial-grade security features. The HP ProBook x360 435 is enhanced with security and privacy from the BIOS up.

Ready to meet the demands of your day

- Get through your deadline-driven, multi-tasking day using the latest AMD processors^{3,4} with outstanding graphics performance.
- Get back to business fast with Easy Clean 2.0, which disables the touchscreen, keyboard, and clickpad at the touch of a button so you can clean the system while it's on.⁵
- Whether work takes you all over the city or just around the office, the HP ProBook x360 435 is built to last. This sleek and durable PC is designed with an anodized aluminum keyboard deck and top cover.
- Firmware attacks can completely devastate your PC. Stay protected with HP Sure Start Gen6, the self-healing BIOS that automatically recovers itself from attacks or corruption.⁶
- Malware is evolving rapidly, and traditional antivirus can't always recognize new attacks. Protect your PC against never-before-seen attacks with HP Sure Sense, which uses deep learning AI to provide exceptional protection against advanced malware.⁷
- Instantly block prying eyes' ability to view your screen with optional HP Sure View Gen3 that reduces visual light when the screen is viewed from the side making it appear dark and unreadable.⁸
- Never wonder if someone is watching you with the added peace of mind that comes from the built-in HP Privacy Camera with an integrated physical shutter to protect from malicious surveillance.⁹
- Capture the world around you with an optional dual-camera system with a second camera on the keyboard deck, perfect for taking photos and videos in tablet mode.¹⁰
- Quickly turn thoughts into action with the optional HP Pro Pen. Naturally annotate, draw, and take notes on-screen with an authentic experience that feels like a real pen.¹¹
- The portability of your PC and the reliability of a fast connection determines where you can work. Get a fast and reliable connection in dense wireless environments with optional gigabit data rate Wi-Fi 6.^{12,13}

HP ProBook x360 435 G8 Notebook PC Specifications Table



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Available Operating Systems	Windows 10 Pro 64 – HP recommends Windows 10 Pro for business ¹ Windows 10 Pro 64 (National Academic License) 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 family⁶	AMD Ryzen™ 3 processor; AMD Ryzen™ 5 processor; AMD Ryzen™ 7 processor
Available Processors^{3,4,5,6,38}	AMD Ryzen™ 5 PRO 5650U with Radeon™ Graphics (2.3 GHz base clock, up to 4.2 GHz max boost clock, 16 MB L3 cache, 6 cores) AMD Ryzen™ 7 PRO 5850U with Radeon™ Graphics (1.9 GHz base clock, up to 4.4 GHz max boost clock, 16 MB L3 cache, 8 cores) AMD Ryzen™ 3 5400U with Radeon™ Graphics (2.6 GHz base clock, up to 4.0 GHz max boost clock, 8 MB L3 cache, 4 cores) AMD Ryzen™ 3 PRO 5450U with Radeon™ Graphics (2.6 GHz base clock, up to 4.0 GHz max boost clock, 8 MB L3 cache, 4 cores)
Display size (diagonal)	13.3"
Maximum memory	32 GB DDR4-3200 SDRAM ⁷ Both slots are accessible/upgradeable by IT or self-maintainers only. Supports dual channel memory.
Memory slots	2 SODIMM
Internal storage	512 GB up to 1 TB PCIe® Gen3x4 NVMe™ M.2 SSD TLC ⁸ 256 GB up to 512 GB PCIe® NVMe™ M.2 Value SSD TLC ⁸ 128 GB M.2 SATA SSD TLC ⁸
Display^{11,13,14,15,16}	13.3" diagonal, FHD (1920 x 1080), touch, IPS, BrightView, Corning® Gorilla® Glass 5, 400 nits, low power, 72% NTSC 13.3" diagonal, FHD (1920 x 1080), touch, IPS, BrightView, Corning® Gorilla® Glass 5, 1000 nits, 72% NTSC, HP Sure View Reflect integrated privacy screen 13.3" diagonal, FHD (1920 x 1080), touch, IPS, BrightView, Corning® Gorilla® Glass 5, 250 nits, 45% NTSC
Available Graphics	Integrated: AMD Radeon™ Graphics ¹¹ (Support HD Decode, DX12, and HDMI 1.4b.)
Audio	Dual stereo speakers, dual array microphones
Memory card device	1 microSD (optional)
Ports and Connectors	2 SuperSpeed USB Type-A 5Gbps signaling rate (1 charging); 1 SuperSpeed USB Type-C® 10Gbps signaling rate (USB Power Delivery, DisplayPort™ 1.4); 1 headphone/microphone combo; 1 HDMI 1.4b; 1 AC power (HDMI cable sold separately.)
Available Keyboards¹²	HP Premium Keyboard – spill resistant, optional backlit keyboard with drain and DurakKeys
Available Pointing Devices	Clickpad with multi-touch gesture support
Communications^{9,10,36}	(Compatible with Miracast-certified devices.) Intel® Wireless-AC 9260 802.11a/b/g/n/ac (2x2) Wi-Fi® and Bluetooth® 5 combo, non-vPro® Intel® Wi-Fi 6 AX200 (2x2) and Bluetooth® 5 combo, non-vPro® Realtek RTL8822CE 802.11a/b/g/n/ac (2x2) Wi-Fi® and Bluetooth® 5 combo with external antenna Realtek Wi-Fi 6 RTL8852AE 802.11a/b/g/n/ax (2x2) and Bluetooth® 5 combo
Camera^{11,13}	5 MP camera (rear-facing); 720p HD camera; IR Camera (select models)
Software¹⁷	HP Connection Optimizer; HP Image Assistant; HP Hotkey Support; HP MAC Address Manager; HP Noise Cancellation Software; HP Support Assistant; HP Easy Clean; Buy Office (Sold separately); Touchpoint Customizer for Commercial; HP QuickDrop
Security management^{20,21,22,23,24,25,26,27,28,29}	Absolute persistence module; HP Secure Erase; TPM 2.0 embedded security chip shipped with Windows 10 (Common Criteria EAL4+ Certified); HP Sure Click; HP Sure Start Gen5; HP BIOSphere Gen5; HP Sure Sense; BIOS Update via Network; HP Sure Admin; HP Sure View Reflect (optional)
Security Software Licenses	HP Wolf Pro Security Edition ⁵⁶
Fingerprint reader	Fingerprint sensor (select models)
Management features	HP Driver Packs; HP CIK for Microsoft SCCM; HP Client Catalog; HP Manageability Integration Kit Gen4 ^{18,19}
Power³¹	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 65 W USB Type-C® adapter; HP Smart 45 W USB Type-C® adapter
Battery type^{30,37}	HP Long Life 3-cell, 45 Wh Li-ion Battery is internal and not replaceable by customer. Serviceable by warranty. Fast charging 50% in 30 minutes.
Battery life³⁵	Up to 17 hours
Dimensions	12.15 x 8.78 x 0.71 in; 30.85 x 22.29 x 1.79 cm
Weight	Starting at 3.19 lb; Starting at 1.45 kg (Weight will vary by configuration.)
Energy efficiency compliance³³	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^{34,39}	Low Halogen; Outside box and corrugated cushions are 100% sustainably sourced and recyclable
Warranty³²	HP Services offers 3-year and 1-year limited warranties and 90 day software limited warranty options depending on country. Batteries have a default one year limited warranty. 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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Messaging Footnotes

- ³ 8 core, 6 core, and 4 core processors are an optional feature.
- ⁴ 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.
- ⁵ 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.
- ⁶ HP Sure Start Gen6 is available on select HP PCs.
- ⁷ HP Sure Sense requires Windows 10 Pro or Enterprise.
- ⁸ HP Sure View Gen3 integrated privacy screen is an optional feature that must be configured at purchase and is designed to function in landscape orientation.
- ⁹ HP Privacy Camera only available PCs equipped with HD or IR camera and must be configured at purchase.
- ¹⁰ World-facing camera is an optional feature that must be configured at purchase.
- ¹¹ Sold separately or as an optional feature.
- ¹² 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 PC to communicate with other 802.11ax devices.
- ¹³ Wi-Fi® supporting gigabit data rate is achievable with Wi-Fi 6 (802.11ax) when transferring files between two devices connected to the same router. Requires a wireless router, sold separately, that supports 160MHz channels.

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. 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 Max Boost clock 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) is reserved for system recovery software.
- ⁹ 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 PC to communicate with other 802.11ax devices.
- ¹⁰ Wi-Fi® supporting gigabit data rate is achievable with Wi-Fi 6 (802.11ax) when transferring files between two devices connected to the same router. Requires a wireless router, sold separately, that supports 160MHz channels.
- ¹¹ HD content required to view HD images.
- ¹² Backlit keyboard is an optional feature.
- ¹³ HD IR webcam and 720p HD camera are sold separately or as an optional feature.
- 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 Touch-enabled display and Sure View privacy panel will lower actual brightness.
- ¹⁷ HP Support Assistant requires Windows and Internet access.
- 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://www.hp.com/go/clientmanagement>.
- ²⁰ 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/>
- ²¹ 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.
- 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 Firmware TPM is version 2.0. Hardware TPM is v1.2, which is a subset of the TPM 2.0 specification version v0.89 as implemented by Intel Platform Trust Technology (PTT).
- ²⁴ HP Sure Click requires Windows 10. See https://bit.ly/2PrLT6A_SureClick for complete details.
- ²⁵ HP BIOSphere Gen5 is available on select HP Pro and Elite PCs. See product specifications for details. Features may vary depending on the platform and configurations.
- ²⁶ HP Sure Sense requires Windows 10 Pro or Enterprise.
- ²⁷ HP Sure Start Gen5 is available on select HP PCs with AMD processors. See product specifications for availability.
- ²⁸ HP Client Security Manager Gen6 requires Windows and is available on the select HP Pro and Elite PCs. See product specifications for details.
- ²⁹ HP Fingerprint Sensor sold separately or as an optional feature.
- 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 Availability may vary by country.
- ³² 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.
- ³³ Based on US EPEAT® registration according to IEEE 1680.1-2018 EPEAT®. Status varies by country. Visit www.epeat.net for more information.
- ³⁴ External power supplies, power cords, cables and peripherals are not Low Halogen. Service parts obtained after purchase may not be Low Halogen.
- ³⁵ 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 www.bapco.com for additional details.
- ³⁶ Miracast is a wireless technology your PC can use to project your screen to TVs, projectors, and streaming.
- ³⁷ 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.
- ³⁸ AMD Ryzen™ PRO processors are planned to be available in March 2021.
- ³⁹ 100% outer box packaging and corrugated cushions made from sustainably sourced certified and recycled fibers.
- ⁵⁶ HP Wolf Pro Security Edition (including HP Sure Click Pro and HP Sure Sense Pro) is available preloaded on select SKUs and, depending on the HP product purchased, includes a paid 1-year or 3-year license. 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 (HP Sure Sense Pro and HP Sure Click Pro) is effective upon activation and will continue for either a twelve (12) month or thirty-six (36) month license term ("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.
- ⁵⁷ HP Smart Support automatically collects the telemetry necessary upon initial boot of the product to deliver device-level configuration data and health insights and is available preinstalled on select products, thru HP Factory Configuration Services; or it can be downloaded. For more information about how to enable HP Smart Support or for download, please visit <http://www.hp.com/smart-support>.

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