HP Pro x360 435 13.3 inch G9 Notebook PC (6A1H1EA)

Overview

Sleek, powerful, and highly secure convertible PC

The slim, sleek design and 360° hinge on the HP Pro x360 435 13.3" convertible PC provide flexible use modes for comfort and features business-grade HP Wolf Security for Business[5] in a durable chassis. Keep going without compromise with the latest AMD processor[2], long battery life, and Wi-Fi 6[3] with HP Extended Range Wireless LAN.

Versatile 360° design

The slim and sleek HP Pro x360 435 adapts to your workday with four comfortable use modes.

Protected by HP Wolf Security

HP Wolf Security for Business creates a hardware-enforced, always-on, resilient defense.[5]

Powerful business performance

Drive productivity with the latest AMD processor[2] and Wi-Fi 6[3] with HP Extended Range Wireless LAN.

---

[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] 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. The specifications for Wi-Fi 6 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 802.11ax WLAN devices. Only available in countries where 802.11ax is supported.

[5] HP Wolf Security for Business requires Windows 10 or 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.

Specifications

Operating system	Windows 10 Pro (available through downgrade rights from Windows 11 Pro)[1,2]
Processor family	AMD Ryzen™ 3 processor
Processor	AMD Ryzen™ 3 5425U (up to 4.1 GHz max boost clock, 8 MB L3 cache, 4 cores, 8 threads)[6,7]
Memory	8 GB DDR4-3200 MHz RAM (1 x 8 GB)
Memory Slots	2 SODIMM
Internal Storage	256 GB PCIe® NVMe™ SSD
Optical drive	Not included
Graphics	Integrated
Graphics (integrated)	AMD Radeon™ Graphics
Display	33.8 cm (13.3") diagonal, FHD (1920 x 1080), touch, IPS, BrightView, 250 nits, 45% NTSC
Display	13.3" diagonal, FHD (1920 x 1080), touch, IPS, BrightView, 250 nits, 45% NTSC[13,14,15]
Display size (diagonal)	33.8 cm (13.3")
Display size (diagonal)	13.3"
Audio	Dual stereo speakers, dual array microphones
Minimum dimensions (W x D x H)	30.85 x 22.29 x 1.79 cm
Minimum dimensions (W x D x H)	12.15 x 8.78 x 0.71 in
Weight	Starting at 1.45 kg *(Weight will vary by configuration. Does not include power adapter.)*
Weight	Starting at 3.19 lb *(Weight will vary by configuration. Does not include power adapter.)*
Keyboard	HP Premium Keyboard – spill resistant, backlit keyboard
Pointing device	Clickpad with multi-touch gesture support, taps enabled as default
Ports	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 Stereo headphone/microphone combo jack; 1 HDMI 2.0; 1 AC power *(HDMI cable sold separately.)*
Wireless	Qualcomm® WCN6856 Wi-Fi 6E (2x2) and Bluetooth® 5.2 combo (Supporting Gigabit data rate)
Power	65 W USB Type-C™ adapter[29,30]
Battery type	HP Long Life 3-cell, 42 Wh Li-ion
Battery weight	0.42 lb
Battery weight	190 g
Energy star certified	ENERGY STAR® certified

Management features	HP Driver Packs (download); HP Client Catalog (download); HP Manageability Integration Kit Gen4 (download); HP Image Assistant Gen5 (download)[18,19]
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; 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[20,21,22,23,24,25,26,33]
Software included	HP Connection Optimizer; HP Hotkey Support; HP Support Assistant; myHP; HP Privacy Settings; HP Notifications; HP QuickDrop; HP Quick Touch; HP PC Hardware Diagnostics Windows[16,17]
UPC number	(ABN) 196548969814; (ABY) 196548969821; (AK8) 196548969838; (UUW) 196548969852
Manufacturer 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 .[31]

Additional specifications

Accessories	HP Wired USB-A Stereo Headset 428K6AA; HP Prelude Pro Recycle Backpack 1X644AA; HP USB-C Travel Hub G2 7PJ38AA; HP 435 Multi-Device Wireless Mouse 3B4Q5AA; HP Wired Desktop 320MK Mouse and Keyboard 9SR36AA
Available software	HP Smart Support[57]
Battery brand	HP
Battery capacity	42
Battery capacity uom	Wh
Battery cells number	3
Battery life	Long Life
Battery life note	Battery is internal and not replaceable by customer. Serviceable by warranty. Fast charging 50% in 30 minutes.
Battery type	Li-ion
Bluetooth version	Bluetooth® 5.2
Brightness	250 nits
Color gamut	45% NTSC
Display	13.3" diagonal FHD touch display
Display	33.8 cm (13.3") diagonal FHD touch display
Display brightness	250
Display brightness uom	nits
Display panel technology	IPS
Display resolution (pixels)	1920 x 1080
Display resolution standard	FHD
Display size (diagonal) uom	"
Display size (diagonal, imperial)	13.3
Display size (diagonal, metric)	33.8
Display size (diagonal, metric) uom	cm
Display surface treatment	BrightView
Display touchscreen type	touch screen
ECC memory	non-ECC
Keyboard backlight	backlit
Keyboard features	Spill-resistant
Keyboard name	HP Premium Keyboard
Legal tagline	HP recommends Windows 11 Pro for business
Memory and storage	8 GB memory; 256 GB SSD storage
Memory layout (slots & size)	1 x 8 GB

Memory module type	DIMM
Memory size	8
Memory size uom	GB
Memory speed	3200
Memory speed uom	MHz
Memory type	DDR4
Number of memory slots	1
Processor Brand	AMD
Processor cache	8 MB L3
Processor core	4
Processor family	Ryzen™ 3
Processor maximum frequency	4.1
Processor maximum frequency uom	GHz
Processor model	5425U
Processor threads	8
Product long name specifications	HP Pro x360 435 13.3 inch G9 Notebook PC, 13.3", touch screen, Windows 10 Pro (available through downgrade rights from Windows 11 Pro), AMD Ryzen™ 3, 8GB RAM, 256GB SSD, FHD
Product short name specifications	HP Pro x360 435 13.3 inch G9 Notebook PC, 13.3", AMD Ryzen™ 3, 8GB RAM, 256GB SSD
Standard memory note	Transfer rates up to 3200 MT/s.
Storage capacity	256
Storage capacity uom 01	GB
Storage interface 01	PCIe®
Storage interface protocol 01	NVMe™
Storage type	SSD
Storage type 01	SSD
Touchscreen	Yes
UNSPSC code	43211503
Wireless Model	WCN6856
Wireless antenna	2x2
Wireless standard	Wi-Fi 6E
Wireless supplier	Qualcomm®
Wireless transfer speeds	Supporting Gigabit data rate

[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] 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.

[6] 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.

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

[13] FHD/HD content required to view FHD/HD images.

[14] Resolutions are dependent upon monitor capability, and resolution and color depth settings.

[15] Actual brightness will be lower with touchscreen.

[16] HP Support Assistant requires Windows and Internet Access.

[17] HP Quick Drop requires Internet access and Windows 10 or 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.

[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 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™.

[22] HP Sure Click requires Windows 10 or higher. See https://bit.ly/2PrLT6A_SureClick for complete details.

[23] HP Sure Sense is available on select HP PCs with Windows 10 Pro, Windows 10 Enterprise, Windows 11 Pro, or Windows 11 Enterprise OS.

[24] HP Sure Admin requires Windows 10 or higher, 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.

[25] HP BIOSphere Gen6 features may vary depending on the platform and configuration.

[26] HP Sure Start Gen7 is available on select HP PCs and requires Windows 10 or higher.

[29] 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.

[30] Availability may vary by country.

[31] 1-year and 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 .

[33] HP Tamper Lock must be enabled by the customer or your administrator.

[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 .

Accessories

Keyboards/Mice and Input Devices

★ : Recommended

Keyboard and Mouse Kits

HP 655 Wireless Keyboard and Mouse Combo	**4R009AA ★**
HP 235 Wireless Mouse and Keyboard Combo	**1Y4D0AA ★**
HP 225 Wired Mouse and Keyboard Combo	**286J4AA ★**
HP 155 Wired Mouse and Keyboard Combo	5B8C0AA
HP 225 Wired Mouse and Keyboard Combo	286J4UT
HP 235 Wireless Mouse and Keyboard Combo	1Y4D0UT
HP Slim Wireless Keyboard and Mouse	T6L04AA
HP Wireless Rechargeable 950MK Mouse and Keyboard	3M165AA
HP Wireless Rechargeable 950MK Mouse and Keyboard	3M165UT

Keyboards

HP 125 Wired Keyboard	266C9AA
HP 125 Wired Keyboard	266C9UT
HP 455 Programmable Wireless Keyboard	4R177AA
HP 975 Dual-Mode Wireless Keyboard	3Z726AA
HP 975 Dual-Mode Wireless Keyboard	3Z726UT

Mice

HP 125 Wired Mouse	265A9AA
HP 125 Wired Mouse	265A9UT
HP 125 Wired Mouse	266C9ET
HP 128 Laser Wired Mouse	265D9AA
HP 128 Laser Wired Mouse	265D9UT
HP 155 Wired Mouse	5B8B7AA
HP 435 Multi-Device Wireless Mouse	3B4Q5AA
HP 635 Multi-Device Wireless Mouse	1D0K2AA
HP 635 Multi-Device Wireless Mouse	1D0K2UT
HP Bluetooth Travel Mouse	6SP30AA
HP Bluetooth Travel Mouse	6SP30UT
HP Wired Desktop 320M Mouse	9VA80AA
HP Wired Desktop 320M Mouse	9VA80ET
HP Wired Desktop 320M Mouse	9VA80UT
HP Wireless Premium Mouse	1JR31AA

HP Wireless Premium Mouse	1JR31UT

Pointing Devices

HP Slim Rechargeable Pen	630W7AA

Batteries/Chargers/Adapters

AC Adapters

HP 65W USB-C LC Power Adapter	**1P3K6AA ★**
HP 65W USB-C LC Power Adapter	1P3K6UT
HP 65W USB-C Slim Travel Power Adapter	3PN48AA
HP USB-C Travel Power Adapter 65W	X7W50AA

Power Adapters

HP 45W USB-C G2 Power Adapter	1HE07AA
HP 45W USB-C G2 Power Adapter	1HE07UT
HP 45W USB-C LC Power Adapter	1MZ01AA
HP 65W USB-C Power Adapter	1HE08AA
HP 65W USB-C Power Adapter	1HE08UT
HP Pavilion USB-C to HDMI 2.0 Adapter	2PC54AA

Battery Adapters and Chargers

HP Slim Rechargeable Pen Charger	4X491AA
HP USB-C 65W Laptop Charger	671R2AA
HP USB-C 65W Laptop Charger	671R3AA
HP USB-C 65W Laptop Charger	671R3UT

Audio/Multimedia and Communication Devices

Headsets

HP Stereo USB Headset G2	**428H5AA ★**
HP Stereo USB Headset G2	**428K6AA ★**
HP Stereo 3.5mm Headset G2	**428H6AA ★**
HP Stereo 3.5mm Headset G2	**428K7AA ★**
HP Stereo 3.5mm Headset G2	428K7PT
HP Stereo 3.5mm Headset G2	428K7UT
HP Stereo USB Headset G2	428K6PT
HP Stereo USB Headset G2	428K6UT

Memory

DDR Memory

HP 16 GB 3200MHz DDR4 Memory	286J1AA
HP 16 GB 3200MHz DDR4 Memory	286J1UT
HP 4 GB 3200MHz DDR4 Memory	286H5AA
HP 4 GB 3200MHz DDR4 Memory	286H5UT
HP 8 GB 3200MHz DDR4 Memory	286H8AA
HP 8 GB 3200MHz DDR4 Memory	286H8UT

Security and Protection

PC Locks

HP Essential Nano Combination Cable Lock	63B31AA
HP Essential Nano Combination Cable Lock	63B31UT
HP Nano Combination Cable Lock	63B28AA
HP Nano Combination Cable Lock	63B28UT
HP Nano Keyed Cable Lock	1AJ39AA
HP Nano Keyed Cable Lock	1AJ39UT
HP Nano Master Keyed Cable Lock	1AJ40AA
HP Nano Master Keyed Cable Lock	1AJ40UT
HP Sure Key Cable Lock	6UW42AA
HP Sure Key Cable Lock	6UW42UT

Cases and Covers

Cases

HP Executive 14.1 Slim Top Load	6KD04AA
HP Executive 14.1 Slim Top Load	6KD04UT
HP Executive 15.6 Top Load	6KD06AA
HP Executive 15.6 Top Load	6KD06UT
HP Executive 17.3 Top Load	6KD08UT
HP Prelude 15.6-inch Laptop Bag	2Z8P4AA
HP Prelude 15.6-inch Topload	1E7D7AA
HP Prelude 15.6-inch Topload	50P31AA
HP Prelude G2 15.6 TL (Bulk 20)	1E7D7A6
HP Prelude Pro 15.6-inch Recycled Top Load	1X645AA
HP Prelude Pro 15.6-inch Recycled Top Load	1X645UT
HP Prelude Pro Rec 15.6 TL (Bulk 12)	1X645A6

HP Renew Business 14.1-inch Laptop Bag	3E5F9A6
HP Renew Business 14.1-inch Laptop Bag	3E5F9AA
HP Renew Business 14.1-inch Laptop Bag	3E5F9ET
HP Renew Business 14.1-inch Laptop Bag	3E5F9UT
HP Renew Business 15.6-inch Laptop Bag	3E5F8A6
HP Renew Business 15.6-inch Laptop Bag	3E5F8AA
HP Renew Business 15.6-inch Laptop Bag	3E5F8ET
HP Renew Business 15.6-inch Laptop Bag	3E5F8UT
HP Renew Business 17.3-inch Laptop Bag	3E2U6AA
HP Renew Business 17.3-inch Laptop Bag	3E2U6UT

Backpacks

HP Executive 15.6 Backpack	6KD07AA
HP Executive 15.6 Backpack	6KD07UT
HP Executive 17.3 Backpack	6KD05AA
HP Executive 17.3 Backpack	6KD05UT
HP Prelude 15.6-inch Backpack	2Z8P3AA
HP Prelude Backpack 15.6	1E7D6AA
HP Prelude G2 15.6 Backpack (Bulk Qty.15)	1E7D6A6
HP Prelude Pro 15.6-inch Recycled Backpack	1X644A6
HP Prelude Pro 15.6-inch Recycled Backpack	1X644AA
HP Prelude Pro 15.6-inch Recycled Backpack	1X644UT
HP Renew Business 17.3-inch Laptop Backpack	3E2U5A6
HP Renew Business 17.3-inch Laptop Backpack	3E2U5AA
HP Renew Business 17.3-inch Laptop Backpack	3E2U5ET
HP Renew Business 17.3-inch Laptop Backpack	3E2U5UT

Covers

HP Renew 14 Laptop Sleeve	2E6U9AA
HP Renew 14 Laptop Sleeve	2E6V0AA
HP Renew Business 14.1-inch Laptop Sleeve	3E2U7AA
HP Renew Business 14.1-inch Laptop Sleeve	3E2U7ET
HP Renew Business 14.1-inch Laptop Sleeve	3E2U7UT

PC Drives and Storage

PC DVD Drives

HP External USB DVDRW Drive	F2B56AA
HP External USB DVDRW Drive	F2B56ET

HP External USB DVDRW Drive	F2B56UT
HP USB External DVD-RW Writer	Y3T76AA

Cables/Cable Kits/Cable Adapters

Audio and Video Cables

HP HDMI to DVI Adapter	F5A28AA

Cable Adapters

HP Thunderbolt 120W G2 Cable	3XB94AA
HP Thunderbolt 120W G2 Cable	3XB94UT
HP Thunderbolt Dock G2 Combo Cable	3XB96AA
HP Thunderbolt Dock G2 Combo Cable	3XB96UT
HP USB 3.0 to Gigabit RJ45 Adapter G2	4Z7Z7AA
HP USB 3.0 to Gigabit RJ45 Adapter G2	4Z7Z7UT
HP USB Type-C to RJ45 Adapter	V8Y76AA
HP USB-C to DP Adapter	N9K78AA
HP USB-C to DP Adapter	N9K78UT
HP USB-C to HDMI 2.0	1WC36AA
HP USB-C to HDMI 2.0	1WC36UT
HP USB-C to RJ45 Adapter	V7W66AA
HP USB-C to RJ45 Adapter	V7W66UT
HP USB-C to USB 3.0 Adapter	N2Z63AA
HP USB-C to USB 3.0 Adapter	N2Z63UT
HP USB-C to USB-A Hub	Z6A00AA
HP USB-C to USB-A Hub	Z6A00UT
HP USB-C to VGA Adapter	N9K76AA
HP USB-C to VGA Adapter	N9K76UT
HP USB-C to VGA Display Adapter	P7Z54AA

Graphics Cards

Graphics Connectors/Adapters

HP HDMI to VGA Adapter	H4F02AA
HP HDMI to VGA Adapter	H4F02ET
HP HDMI to VGA Adapter	H4F02UT

Docking and Port Replicators

Docking Stations

HP Thunderbolt Dock 120W G2	2UK37AA	
HP Thunderbolt Dock 120W G2	2UK37ET	
HP Thunderbolt Dock 120W G2	2UK37UT	
HP Thunderbolt Dock 120W G2 with Audio	3YE87AA	
HP Thunderbolt Dock 120W G2 with Audio	3YE87UT	
HP Thunderbolt Dock 120W G4	4J0A2AA	
HP Thunderbolt Dock 120W with HDMI Adapter	6HP48AA	
HP Thunderbolt Dock 280W G4 w/Combo Cable	4J0G4AA	
HP Thunderbolt Dock G2 with Combo Cable	3TR87AA	
HP Thunderbolt Dock G2 with Combo Cable	3TR87ET	
HP Thunderbolt Dock G2 with Combo Cable	3TR87UT	
HP USB-C Dock G5	26D32AA	
HP USB-C Dock G5	5TW10AA	
HP USB-C Dock G5	5TW10ET	
HP USB-C Dock G5	5TW10UT	obsolete
HP USB-C Travel Hub G2	7PJ38AA	
HP USB-C Travel Hub G2	7PJ38UT	
HP USB-C/A Universal Dock G2	5TW13AA	
HP USB-C/A Universal Dock G2	5TW13ET	
HP USB-C/A Universal Dock G2	5TW13UT	obsolete

Docking Accessories

HP Thunderbolt Dock Audio Module	3AQ21AA	
HP Thunderbolt Dock Audio Module	3AQ21UT	

Business Monitors

★ : Recommended

E-Series

HP E24m G4 FHD USB-C Conferencing Monitor	40Z32A7
HP E24m G4 FHD USB-C Conferencing Monitor	40Z32AA
HP E24m G4 FHD USB-C Conferencing Monitor	40Z32AS
HP E24m G4 FHD USB-C Conferencing Monitor	40Z32AT
HP E24m G4 FHD USB-C Conferencing Monitor	40Z32E9
HP E27m G4 QHD USB-C Conferencing Monitor	40Z29A7
HP E27m G4 QHD USB-C Conferencing Monitor	40Z29AA
HP E27m G4 QHD USB-C Conferencing Monitor	40Z29AS
HP E27m G4 QHD USB-C Conferencing Monitor	40Z29AT
HP E27m G4 QHD USB-C Conferencing Monitor	40Z29E9

P-Series

HP P34hc G4 WQHD USB-C Curved Monitor	21Y56A7
HP P34hc G4 WQHD USB-C Curved Monitor	21Y56AA
HP P34hc G4 WQHD USB-C Curved Monitor	21Y56AS
HP P34hc G4 WQHD USB-C Curved Monitor	21Y56AT

Disclaimer — Copyright