Datasheet

HP EliteBook x360 1040 G6 Notebook PC

Elevate expectations

Precision crafted with a unibody[2] CNC aluminum design, the industry leading features of the HP EliteBook x360 1040 include built-in privacy, hardened security, and collaboration tools all in one highly versatile 360° design that lets you work the way you want.



HP recommends Windows 10 Pro.

Inspired design

- The gorgeous, ultraslim HP EliteBook x360 1040 delivers 360° versatility and stunning edge-to-edge visuals on the 14-inch diagonal display. Upgrade to an optional HP Anti-Glare Touch Display[3] so you can stay productive almost anywhere.

Privacy when you need it

- Control what the world sees and help protect your data with integrated security and privacy features. Swipe the HP Privacy Camera[4] shutter to block your camera's view. Stop visual hacking with optional HP Sure View Gen3[5] that protects your screen from prying eyes.

Like meeting face-to-face

- The full HD camera, Audio by Bang & Olufsen, and HP Noise Cancellation makes your conference calls clear and personal for easy, inspired collaboration with lifelike video and audio.

- Power through your day with Windows 10 Pro and the powerful security, collaboration, and connectivity features from HP.[1]
- 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.[5]
- 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.[6]
- Express yourself in almost any light with the optional HP Anti-Glare Touch Display.[3]
- Your "office" can be where you need it, letting you connect anywhere LTE is available with optional gigabit class 4G LTE wireless broadband technology.[7,8]
- Never wonder if someone is watching you with the added peace-of-mind that comes from the integrated HP Privacy Camera, with a physical shutter to protect from malicious surveillance.[4]
- Get gigabit speed wireless with Wi-Fi 6 (802.11ax) on the HP EliteBook x360 1040.[9,10]
- Combine power and speed with 8th Gen quad-core Intel® Core™ processor.[11]
- Get an authentic pen to paper experience with the high-pressure sensitivity and low activation force of the optional HP Rechargeable Active Pen G2. It magnetically attaches to your device and sends a proximity alert if it's left behind.[3]
- Technologies in the optional UHD HDR 400 panel help improve viewing experience by increasing the contrast between light and dark images. The result is an image that most resembles the view in a natural state.[3]

HP recommends Windows 10 Pro.

HP EliteBook x360 1040 G6 Notebook PC Specifications Table





Available Operating Systems	Windows 10 Pro 64[1] Windows 10 Pro (National Academic only)[2] Windows 10 Home 64 – HP recommends Windows 10 Pro.[1] Windows 10 Home Single Language 64[1] Windows 10 Pro (Windows 10 Enterprise available with a Volume Licensing Agreement)[1] FreeDOS
Processor family[6]	8th Generation Intel® Core™ i7 processor (i7-8565U); 8th Generation Intel® Core™ i5 processor (i5-8265U)
Available Processors[3,4,5,6]	Intel® Core™ i7-8565U with Intel® UHD Graphics 620 (1.8 GHz base frequency, up to 4.6 GHz with Intel® Turbo Boost Technology, 8 MB L3 cache, 4 cores) Intel® Core™ i7 8665U vPro™ processor with Intel® UHD Graphics 620 (1.8 GHz base frequency, up to 4.8 GHz with Intel® Turbo Boost Technology, 8 MB L3 cache, 4 cores) Intel® Core™ i5-8265U with Intel® UHD Graphics 620 (1.6 GHz base frequency, up to 3.9 GHz with Intel® Turbo Boost Technology, 6 MB L3 cache, 4 cores) Intel® Core™ i5 8365U vPro™ processor with Intel® UHD Graphics 620 (1.6 GHz base frequency, up to 4.1 GHz with Intel® Turbo Boost Technology, 6 MB L3 cache, 4 cores)
Maximum memory	32 GB DDR4-2666 SDRAM [7] Memory soldered down.
Internal storage	256 GB up to 2 TB PCIe® NVMe™ M.2 SSD[8] 512 GB Intel® PCIe® NVMe™ QLC M.2 SSD[8,42] 512 GB PCIe® NVMe™ M.2 SED SSD[8] 256 GB M.2 SATA SED SSD[8] 128 GB M.2 SATA SSD[8,9]
Storage acceleration[41,42]	32 GB PCIe® NVMe™ Intel® Optane™ Memory for storage acceleration
Display[14,16,18,19]	14" diagonal 4K HDR 400 IPS eDP + PSR BrightView WLED-backlit touch screen direct bonded with Corning® Gorilla® Glass 5, 550 nits, 72% NTSC (3840 x 2160) HP Sure View Integrated Privacy Screen 14" diagonal FHD IPS eDP + PSR anti-glare WLED-backlit touch screen direct bonded with Corning® Gorilla® Glass 5, 950 nits, 72% NTSC (1920 x 1080) 14" diagonal FHD IPS eDP + PSR anti-glare WLED-backlit touch screen direct bonded with Corning® Gorilla® Glass 5, 400 nits, 72% NTSC (1920 x 1080) 14" diagonal FHD IPS eDP + PSR BrightView WLED-backlit touch screen direct bonded with Corning® Gorilla® Glass 5, 400 nits, 72% NTSC (1920 x 1080)
Available Graphics	Integrated: Intel® UHD Graphics 620[16] (Support HD Decode, DX12, and HDMI 1.4b.)
Audio	Bang & Olufsen, dual stereo speakers, 3 multi array microphone
Wireless technologies[10,11,12,13,14]	Intel® AX201 Wi-Fi 6 (2x2) and Bluetooth® 5 Combo, vPro™ Intel® AX201 Wi-Fi 6 (2x2) and Bluetooth® 5 Combo, non-vPro™ Intel® XMM™ 7360 LTE-Advanced Cat 9 Intel® XMM™ 7560 LTE-Advanced Pro Cat 16 (Compatible with Miracast-certified devices.)
Ports and Connectors	2 USB 3.1 Gen 1 (1 charging); 2 Thunderbolt™ (USB Type-C™ connector); 1 headphone/microphone combo; 1 HDMI 1.4; 1 External Nano SIM slot for WWAN[15] (Cables are not included.)
Input devices	HP Premium Collaboration Keyboard, Flint opaque, spill-resistant, backlit with HP DuraKeys; Glass ClickPad, Microsoft Precision Touchpad, gestures support as default; Accelerometer; Magnetometer; Gyroscope; Ambient light sensor; Hall sensor
Communications	HP Module with NXP NFC Controller NPC300 I2C NCI ;
Camera[16,17]	1080p FHD camera; IR Camera
Available Software[13,20]	HP Connection Optimizer; HP Hotkey Support; HP Image Assistant; HP JumpStart; HP Noise Cancellation Software; HP Support Assistant; Native Miracast support; Buy Office (Sold separately)
Security management[23,24,25,26,27,28,29,30,31,32,33,34]	Absolute persistence module; HP DriveLock and Automatic DriveLock; HP Fingerprint Sensor; HP Secure Erase; Power-on authentication; Preboot authentication; TPM 2.0 embedded security chip shipped with Windows 10 (Common Criteria EAL4+ Certified); HP Sure Click; Windows Defender; HP Sure Start Gen5; HP Sure Run Gen2; HP Sure Recover Gen2; HP BIOSphere Gen5; HP Client Security Gen5
Management features	HP Driver Packs; HP System Software Manager (SSM); HP BIOS Config Utility (BCU); HP Client Catalog; HP Manageability Integration Kit Gen3[21,22]
Power[36,37]	65 W USB Type-C™ adapter
Battery type[36]	HP Long Life 4-cell, 56.2 Wh Li-ion polymer
Battery life[35]	Up to 24 hours
Dimensions	12.65 x 8.46 x 0.67 in
Weight	Starting at 2.99 lb
Energy efficiency compliance[39]	ENERGY STAR® 7.0 certified; EPEAT® 2019 Gold in U.S.
Environmental specifications[40]	Low halogen; TCO 8.0 Certified
Warranty	3 year or 1 year limited warranty depending on country. 3 year limited warranty on HP Long Life Battery (only available with 3 year platform limited warranty). Optional HP Care Pack Services are available contracts which go beyond your standard limited warranties. For more details visit: http://www.hp.com/go/lookuptool. Service levels and response times for HP Care Packs may vary depending on your geographic location. Restrictions and limitations apply. For details, visit www.hp.com/go/cpc

HP recommends Windows 10 Pro.

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Accessories and services (not included)

HP Nano Keyed Dual Head Cable Locks



Secure your notebook or tablet and a dock, display or other hardware with the thin profile HP Nano Keyed Dual Head Cable Lock, which locks both devices to the lock and then a third fixed surface.
Product number: 1AJ41AA

HP Thunderbolt Dock 120W G2



Reinvent docking and boost productivity with our most versatile Thunderbolt™ dock, the small, sophisticated HP Thunderbolt Dock G2. Designed for workspace flexibility and network manageability , it delivers USB-C™ device connectivity and optional integrated audio.
Product number: 2UK37AA

HP 65W USB-C Slim Travel Power Adapter



Use one adapter to power and charge your notebook or mobile device and a USB accessory at the same time, in the office or on the go, with the surprisingly compact HP 65W USB-C Slim Travel Power Adapter.
Product number: 3PN48AA

HP USB 3.0 to Gigabit LAN Adapter



Convert your notebook's high-speed USB 3.0 connection to a fast 10/100/1000 Ethernet connection with the USB 3.0 to Giga LAN Adapter.
Product number: N7P47AA

HP Slim Wireless Keyboard and Mouse



Boost productivity and maximize your workspace with the stylish and compact HP Slim Wireless Keyboard and Mouse, designed to complement the 2015 class of HP Business PCs.
Product number: T6L04AA

HP 3 Year Premier Care Essential Hardware Support



Experience optimal uptime when working in the office, remotely, and on the road with the HP Essential Care suite of coverage, protection, and support services.
Product number: UB5Q4E (for 1 year platforms), UB5H4E (for 3 year platforms)

HP recommends Windows 10 Pro.

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Messaging Footnotes

[1] Not all features are available in all editions or versions of Windows. Systems may require upgraded and/or separately purchased hardware, drivers and/or software 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] "Unibody" refers to display cover and keyboard deck each constructed from a single block of aluminum.
[3] Sold separately or as an optional feature.
[4] HP Privacy Camera only available PCs equipped with HD or IR camera and must be installed at the factory.
[5] HP Sure View Gen3 integrated privacy screen is an optional feature that must be configured at purchase. It is only available on non-touch models and is designed to function in landscape orientation.
[6] HP Sure Sense requires Windows 10. See product specifications for availability.
[7] 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.
[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 notebook to communicate with other 802.11ax devices. Only available in countries where 802.11ax is supported.
[10] Wi-Fi® supporting gigabit speeds 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] 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. Intel's numbering, branding and/or naming is not a measurement of higher performance.

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. Intel's numbering, branding and/or naming is not a measurement of higher performance.
[4] Processor speed denotes maximum performance mode; processors will run at lower speeds in battery optimization mode.
[5] Intel® Turbo Boost performance varies depending on hardware, software and overall system configuration. See www.intel.com/technology/turboboost for more information.
[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] Not available with eMMC Base Units.
[10] Wireless access point and Internet service required and sold separately. Availability of public wireless access points limited. The specifications for the 802.11ac WLAN 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 802.11ac WLAN devices.
[11] WWAN module is optional, must be configured at the factory 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.
[12] Gigabit class 4G LTE module is optional and must be configured at the factory. The full utilization of this module's Gigabit functionality is dependent on network providers' technical ability to support this network and speed. Backwards compatible to HSPA 3G technologies. Module requires activation and separately purchased service contract. 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.
[13] Miracast is a wireless technology your PC can use to project your screen to TVs, projectors, and streaming.
[14] Sold separately or as an optional feature.
[15] SIM slot is not user accessible without WWAN configuration.
[16] HD content required to view HD images.
[17] Internet access required.
[18] Resolutions are dependent upon monitor capability, and resolution and color depth settings.
[19] HP Sure View integrated privacy screen is an optional feature that must be configured at purchase and is designed to function in landscape orientation.
[20] HP Support Assistant requires Windows and Internet access.
[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 Automatic Drive Lock is not supported on NVMe drives.
[25] HP Fingerprint Sensor sold separately or as an optional feature.
[26] 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™.
[27] 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). 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).
[28] HP Sure Click is available on select HP platforms and supports Microsoft Internet Explorer, Google Chrome™, and Chromium™. Supported attachments include Microsoft Office (Word, Excel, PowerPoint) and PDF files in read only mode, when Microsoft Office or Adobe Acrobat are installed.
[29] Windows Defender Opt in and internet connection required for updates.
[30] HP Sure Start Gen5 is available on select HP PCs with Intel processors. See product specifications for availability.
[31] HP Sure Run Gen2: See product specifications for availability.
[32] HP Sure Recover Gen2: See product specifications for availability. Requires an open, wired network connection. Not available on platforms with multiple internal storage drives. You must back up important files, data, photos, videos, etc. before using HP Sure Recover to avoid loss of data. HP Sure Recover (Gen1) does not support platforms with Intel® Optane™.
[33] 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.
[34] HP Client Security Manager Gen5 requires Windows and is available on the select HP Pro and Elite PCs. See product specifications for details.
[35] Up to 24 hours on a properly configured HP EliteBook x360 1040 G6 with Intel® Core™ i5 processor, 8GB RAM, no WWAN, 128GB SSD, FHD low power panel, and Intel® Wi-Fi 6 ZX200 + BT5 (802.11 ax 2x2, non-vPro™). Windows 10 MM14 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] 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.
[37] Availability may vary by country.
[38] 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.
[39] Based on US EPEAT® registration according to IEEE 1680.1-2018 EPEAT®. Status varies by country. Visit www.epeat.net for more information.
[40] External power supplies, power cords, cables and peripherals are not Low Halogen. Service parts obtained after purchase may not be Low Halogen.
[41] Intel® Optane™ memory is sold separately. Intel® Optane™ memory system acceleration does not replace or increase the DRAM in your system. Available for HP commercial desktops and notebooks and for select HP workstations (HP Z240 Tower/SFF, Z2 Mini, ZBook Studio, 15 and 17 G5) and requires a SATA HDD, 7th Gen or higher Intel® Core™ processor or Intel® Xeon® processor E3-1200 V6 product family or higher, BIOS version with Intel® Optane™ supported, Windows 10 version 1703 or higher, M.2 type 2280-S1-B-M connector on a PCH Remapped PCIe Controller and Lanes in a x2 or x4 configuration with B-M keys that meet NVMe™ Spec 1.1, and an Intel® Rapid Storage Technology (Intel® RST) 15.5 driver.
[42] 32 GB PCIe® NVMe™ Intel® Optane™ memory only available for 512 GB Intel® PCIe® NVMe™ QLC M.2 SSD.

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