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# HP EliteBook x360 1040 G6 Notebook PC Specifications

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## Product image



## Operating system

Country/Region: United States



Feature	Description
Preinstalled	Windows 10 Pro 64-bit (National Academic only)
	<b>NOTE:</b> Some devices for academic use are automatically updated to Windows 10 Pro Education with the Windows 10 Anniversary Update. Features vary; for more information, see Windows 10 Pro Education features.
	Windows 10 Pro 64-bit
	Windows 10 Home 64-bit
	Windows 10 Home Single Language 64-bit
	Windows 10 Enterprise 64 (Web Support)
	<b>NOTE:</b> Not all features are available in all editions or versions of Windows. Systems might require upgraded and/or separately purchased hardware, drivers, software, or BIOS update to take full advantage of Windows functionality. Windows 10 automatic updates are always enabled. ISP fees might apply and additional requirements might apply over time for updates.
	FreeDOS 1.2

**NOTE:** In accordance with Microsoft support policy, this product does not support Windows 8 or Windows 7. HP does not support the Windows 8 or Windows 7 operating system on products configured with Intel 7th generation or later processors, or provide any Windows 8 or Windows 7 drivers.

## Processors

Specification	Description
Intel Core i7-8665U vPro	1.8 GHz (up to 4.8 GHz) with Intel Turbo Boost technology 8 MB L3 cache, 4 cores Intel UHD Graphics 620
Intel Core i7-8565U	1.8 GHz (up to 4.6 GHz) with Intel Turbo Boost technology 8 MB L3 cache, 4 cores Intel UHD Graphics 620
Intel Core i5-8365U vPro	1.6 GHz (up to 4.1 GHz) with Intel Turbo Boost technology 6 MB L3 cache, 4 cores



Specification	Description
	Intel UHD Graphics 620
Intel Core i5-8265U	1.6 GHz (up to 3.9 GHz) with Intel Turbo Boost technology 6 MB L3 cache, 4 cores Intel UHD Graphics 620
Chipset	Integrated with processor

**NOTE:** Multicore is designed to improve performance of certain software products. Not all customers or software applications necessarily benefit from use of this technology. Performance and clock frequency vary depending on application workload and hardware and software configurations. Intel numbering is not a measurement of higher performance. For full Intel vPro functionality, Windows, a vPro-supported processor, vPro-enabled chipset, vPro-enabled WLAN card and discrete TPM 2.0 are required.

## Graphics

Specification	Description
Integrated	Intel UHD Graphics 620
Supports	HD decode Direct X12 (DX12) HDMI 1.4b

**NOTE:** High-definition (HD) content is required to view high definition images.

## Display

Feature	Description
Internal	Touch UHD (4K) 35.56 cm (14.0 in) diagonal 4K HDR 400 IPS eDP with PSR BrightView WLED-backlit touch screen direct bonded with Corning Gorilla Glass 5, 500 nits, 72% NTSC for WWAN (3840 x 2160)



Feature	Description
	<p><b>Touch FHD Privacy panel</b></p> <p>HP Sure View Integrated Privacy Screen 35.56 cm (14.0 in) diagonal FHD IPS eDP with PSR anti-glare LED-backlit touch screen direct bonded with Corning Gorilla Glass 5, 1000 nits, 72% NTSC (1920 x 1080)</p> <p>HP Sure View Integrated Privacy Screen 35.56 cm (14.0 in) diagonal FHD IPS eDP with PSR anti-glare LED-backlit touch screen direct bonded with Corning Gorilla Glass 5, 1000 nits, 72% NTSC for WWAN (1920 x 1080)</p> <p>HP Sure View Integrated Privacy Screen 35.56 cm (14.0 in) diagonal FHD IPS eDP with PSR WLED-backlit touch screen direct bonded with Corning Gorilla Glass 5, 1000 nits, 72% NTSC for WWAN (1920 x 1080)</p> <p>HP Sure View Integrated Privacy Screen 35.56 cm (14.0 in) diagonal FHD IPS eDP with PSR WLED-backlit touch screen direct bonded with Corning Gorilla Glass 5, 1000 nits, 72% NTSC (1920 x 1080)</p> <p><b>Touch FHD</b></p> <p>35.56 cm (14.0 in) diagonal FHD IPS eDP with PSR anti-glare WLED-backlit touch screen direct bonded with Corning Gorilla Glass 5, 400 nits, 72% NTSC for WWAN, Low Power (1920 x 1080)</p> <p>35.56 cm (14.0 in) diagonal FHD IPS eDP with PSR anti-glare WLED-backlit touch screen direct bonded with Corning Gorilla Glass 5, 400 nits, 72% NTSC for WWAN (1920 x 1080)</p> <p>35.56 cm (14.0 in) diagonal FHD IPS eDP with PSR anti-glare WLED-backlit touch screen direct bonded with Corning Gorilla Glass 5, 400 nits, 72% NTSC for Low Power (1920 x 1080)</p> <p>35.56 cm (14.0 in) diagonal FHD IPS eDP with PSR anti-glare WLED-backlit touch screen direct bonded with Corning Gorilla Glass 5, 400 nits, 72% NTSC (1920 x 1080)</p> <p>35.56 cm (14.0 in) diagonal FHD IPS eDP with PSR BrightView WLED-backlit touch screen direct bonded with Corning Gorilla Glass 5, 400 nits, 72% NTSC for WWAN, Low Power (1920 x 1080)</p> <p>35.56 cm (14.0 in) diagonal FHD IPS eDP with PSR BrightView WLED-backlit touch screen direct bonded with Corning Gorilla Glass 5, 400 nits, 72% NTSC for WWAN (1920 x 1080)</p> <p>35.56 cm (14.0 in) diagonal FHD IPS eDP with PSR BrightView WLED-backlit touch screen direct bonded with Corning Gorilla Glass 5, 400 nits, 72% NTSC for Low Power (1920 x 1080)</p> <p>35.56 cm (14.0 in) diagonal FHD IPS eDP with PSR BrightView WLED-backlit touch screen direct bonded with Corning Gorilla Glass 5, 400 nits, 72% NTSC (1920 x 1080)</p>
HP Sure View (optional)	<p>Must be configured at purchase</p> <p>Is designed to function in landscape orientation</p> <p><b>NOTE:</b> Prevents side-angle viewing in open or public places.</p>



**NOTE:** High-definition (HD) content is required to view high definition images. Resolutions are dependent upon monitor capability and resolution and color depth settings.

## Memory

Specification	Description
Standard	Memory soldered down DDR4 PC4 SODIMMs (transfer rates up to 2400 MT/s) Supports dual-channel memory for 16 GB and 32 GB
Configurations	32 GB DDR4-2666 SDRAM (2 x 16 GB) 16 GB DDR4-2666 SDRAM (2 x 8 GB) 8 GB DDR4-2666 SDRAM (2 x 4 GB)
Maximum	32 GB DDR4-2666 SDRAM

**NOTE:** Due to the non-industry standard nature of some third-party memory modules, only HP branded memory is recommended to ensure compatibility. If memory speeds are mixed, the system performs at the lower memory speed.

## Storage

Feature	Description
Solid State Drive (SSD)	128 GB SATA-3 SS TLC  <b>NOTE:</b> Sold separately. Not available with eMMC Base units.
	256 GB PCIe NVMe SS Value
	256 GB PCIe Gen 3x4 NVMe SS TLC
	256 GB SATA-3 SED TLC Opal 2
	512 GB PCIe NVMe SS TLC
	512 GB PCIe Gen 3x4 NVMe SS TLC
	512 GB PCIe Gen 3x4 NVMe SS TLC Opal 2



Feature	Description
	<p>512 GB PCIe Gen 3x2x2 QLC with 32 GB (Intel Optane)</p> <p>1 TB PCIe Gen 3x4 NVMe SS TLC</p> <p>2 TB PCIe Gen 3x4 NVMe SS TLC</p>

**NOTE:** 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.

## Audio/multimedia

Feature	Description
Audio	<p>Bang &amp; Olufsen</p> <p>(4) Premium stereo speakers</p> <p>1609 x 2 pcs and 4013 x 2 pcs</p> <p>Microphones (multi-array including world-facing third microphone)</p> <p>(4) Discrete amplifiers</p>
Camera	<p>1080p FHD camera</p> <p><b>NOTE:</b> High-definition (HD) content is required to view high definition images.</p>
Webcam	<p>IR Camera</p> <p><b>NOTE:</b> Internet access required.</p>
Sensors	<p>Accelerometer</p> <p>Magnetometer</p> <p>Gyroscope</p> <p>Ambient light sensor</p> <p>Hall sensor</p>



## Keyboards/pointing devices/function keys

Feature	Description
Keyboard	<p>HP Premium Collaboration Keyboard</p> <p>Spill-resistant and backlight enabled</p> <p>HP Durakeys - Flint, opaque</p>
Function keys	<p>F1 – Display switching</p> <p>F2 – HP Sure View (blank if not supported)</p> <p>F3 - Brightness down</p> <p>F4 – Brightness up</p> <p>F5 – Speaker mute</p> <p>F6 – Volume down</p> <p>F7 – Volume up</p> <p>F8 – Microphone mute</p> <p>F9 – Keyboard backlight</p> <p>F10 – NumLock</p> <p>F11 – Wireless on/off</p> <p>F12 – Calendar</p> <p><b>Other keys</b></p> <p>Share/Present</p> <p>Pick Up/Accept/Answer/Hold</p> <p>Hang Up/Decline/ Reject</p> <p>Delete</p> <p>FN key lock</p>
Hidden function keys	<p>Fn+R – Break</p> <p>Fn+S – Sys Rq</p> <p>Fn+C – Scroll Lock</p> <p>Fn+E – Insert</p>



Feature	Description
	Fn+W – Pause
Clickpad	Glass Clickpad Microsoft Precision Touchpad Default Gestures support Hybrid Mode support

## Ports/slots

Specification	Description
Ports	(2) USB 3.1 Type-C with Thunderbolt support (supports Power Delivery 3.0) (2) USB 3.1 Gen 1 (1 charging) (1) HDMI 1.4 (1) AC power (1) Headphone/microphone combo jack  <b>NOTE:</b> Cables are not included.
Slot	(1) External Nano SIM slot for WWAN  <b>NOTE:</b> Nano SIM slot is not user accessible without WWAN configuration.

## Networking/communication

Feature	Description
Wireless	Intel AX200 (2x2) with Bluetooth 5 Wi-Fi 6 and Bluetooth 5 Combo, vPro Intel AX200 (2x2) with Bluetooth 5 Wi-Fi 6 and Bluetooth 5 Combo, non-vPro Support for Miracast Supports WLAN/LAN/WWAN switching Support for HP Connection Optimizer with Wi-Fi Load balancing



Feature	Description
	<p>Support for DYNAMIC Wi-Fi SAR in BIOS</p> <p><b>NOTE:</b> Wireless access point and Internet service required and not included. 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 might affect the ability of the notebook to communicate with other 802.11ac WLAN devices. For full Intel vPro functionality, Windows, a vPro-supported processor, vPro-enabled chipset, vPro-enabled WLAN card and discrete TPM 2.0 are required.</p>
Near Field Communication (NFC)	NXP NPC300 Near Field Communication module
WWAN	<p>Intel XMM 7360 LTE-Advanced Cat 9</p> <p>Intel XMM 7560 LTE-Advanced Cat 16</p> <p><b>NOTE:</b> Gigabit class 4G LTE module is optional and must be configured at the factory. WWAN module is optional, must be configured at the factory and requires separately purchased service contract. Check with service provider for coverage and availability. Connection speeds varies due to location, environment, network conditions, and other factors. 4G LTE not available on all products, in all countries/regions.</p>
Ethernet	<p>No direct Ethernet support</p> <p>Ethernet via HP accessories</p>

## Power

Specification	Description
Power supply	<p>65 W USB Type-C Adapter</p> <p>Supports HP Fast Charging (up to 50% in 30 minutes)</p> <p><b>NOTE:</b> Availability might vary by country/region. 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 returns to normal. Charging time might vary +/-10% due to System tolerance.</p>



Specification	Description
Primary battery	<p>HP Long Life 4-cell, 56.2 Wh Li-ion polymer</p> <p>100%; supports HP Fast Charging (up to 50% in 30 minutes)</p> <p><b>NOTE:</b> Battery is internal and not replaceable by customer. 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 returns to normal. Charging time might vary +/-10% due to System tolerance.</p>
Power cord	<p>Duckhead power cord (C5NS)</p> <p>1.0 m (3.28 ft)</p> <p>Sticker</p> <p>Premium Black (for Hades+)</p> <p>Power Cord C5 Sticker, Premium 1.0 m (3.28 ft)</p>
Battery Life	<p>Up to 24 hours for FHD</p> <p><b>NOTE:</b> Up to 24 hours on a properly configured HP EliteBook x360 1040 G6 with Intel Core i5 processor, 8 GB RAM, no WWAN, 128 GB SSD, FHD low power panel, and Intel AX200 (2x2) with Bluetooth 5 Wi-Fi 6 and Bluetooth 5 Combo, non-vPro. Windows 10 MM14 battery life varies depending on various factors including product model, configuration, loaded applications, features, use, wireless functionality, and power management settings. The maximum capacity of the battery naturally decreases with time and usage.</p>

## Physical specifications

Specification	Description
Weight	<p>Starting at 1.35 kg (2.98 lb)</p> <p><b>NOTE:</b> Weight varies by configuration and components.</p>
Dimensions (W x D x H)	32.21 x 21.49 x 1.69 cm (12.65 x 8.46 x 0.67 in)



## Software/security

Specification	Description
BIOS	<p>HP BIOSphere Gen5</p> <p>HP Sure Start Gen5 (available on select HP PCs with Intel processors)</p> <p>HP DriveLock/HP Automatic DriveLock (not supported on NVMe drives)</p> <p>BIOS Update via Network</p> <p>Master Boot Record Security</p> <p>Power On Authentication</p> <p>Secure Erase (methods outlined in the National Institute of Standards and Technology Special Publication 800-88)</p> <p>Absolute Persistence Module<sup>1</sup></p> <p>Pre-boot Authentication</p>
Communication/connectivity	<p>HP Native Miracast Support</p> <p>HP Connection Optimizer</p>
HP Value Add Software	<p>HP Image Assistant</p> <p>HP Hotkey Support</p> <p>HP Jumpstart</p> <p>HP Support Assistant (requires Windows and internet access)</p> <p>HP Noise Cancellation Software</p>
Microsoft Products	Buy Office
Manageability	<p>HP Driver packs (available for download)</p> <p>HP System Software Manager (SSM) (available for download)</p> <p>HP BIOS Configuration Utility (BCU) (available for download)</p> <p>HP Client Catalog (available for download)</p> <p>HP Management Integration Kit Gen3 (available for download)</p>



Specification	Description
	HP Cloud Recovery
Client Security software	<p>Microsoft Defender (Opt in and Internet connection required for updates)</p> <p>HP Client Security Suite Gen5 (requires Windows and Intel 8th generation processors)</p> <p>HP Fingerprint Sensor</p> <p>HP Sure Click</p> <p>HP Sure Run Gen2</p> <p>HP Sure Recover Gen2 (requires an open, wired network connection; and is not available on platforms with multiple internal storage drives)</p> <p>HP Sure Sense (requires Windows 10)</p> <p><b>NOTE:</b> For more information about security software and features, go to the HP Client Security Software Suite webpage.</p>
Security	<p>Trusted Platform Module (TPM) 2.0 (Embedded Security Chip shipped with Windows 10)</p> <p>Common Criteria EAL4+ Certified</p> <p>SATA 0, 1 port disablement (via BIOS)</p> <p>Serial, USB enable/disable (via BIOS)</p> <p>Power-on password (via BIOS)</p> <p>Setup password (via BIOS)</p> <p>Integrated hood sensor</p>

**NOTE:** <sup>1</sup> Absolute agent is 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. 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.

**NOTE:** HP Cloud Recovery download tool (Cloud Recovery Client) is available under Software and Drivers section on the support page.



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