



# HP Elite x2 G8 Intel® Core™ i5 i5-1135G7 Hybrid (2-in-1) 33 cm (13") Touchscreen WUXGA+ 8 GB LPDDR4x-SDRAM 256 GB SSD Wi-Fi 6 (802.11ax) Windows 10 Pro Silver



**Brand :** HP

**Product family:** Elite x2

**Product code:** 459G5EA#ABH

**Product name :** G8

HP Elite x2 G8. Product type: Hybrid (2-in-1), Form factor: Convertible (Detachable). Processor family: Intel® Core™ i5, Processor model: i5-1135G7. Display diagonal: 33 cm (13"), HD type: WUXGA+, Display resolution: 1920 x 1280 pixels, Touchscreen. Internal memory: 8 GB, Internal memory type: LPDDR4x-SDRAM. Total storage capacity: 256 GB, Storage media: SSD. On-board graphics card model: Intel Iris Xe Graphics. Operating system installed: Windows 10 Pro. Product colour: Silver

Design		Network	
Product type *	Hybrid (2-in-1)	WLAN controller manufacturer	Intel
Product colour *	Silver	Ethernet LAN	✗
Form factor *	Convertible (Detachable)	Bluetooth	✓
Market positioning	Premium	Bluetooth version	5.0
Intel® vPro™ Platform Eligibility	✗	Ports & interfaces	
Country of origin	China	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Display		Thunderbolt technology	✓
Display diagonal *	33 cm (13")	Thunderbolt 4 ports quantity	2
Display resolution *	1920 x 1280 pixels	Combo headphone/mic port	✓
Touchscreen *	✓	USB Type-C DisplayPort Alternate Mode	✓
HD type	WUXGA+	Performance	
Panel type	IPS	Accelerometer	✓
Native aspect ratio	3:2	Gyroscope	✓
Anti-glare screen	✓	Keyboard	
Display glass type	Corning Glass	Pointing device	Clickpad
Display brightness	400 cd/m <sup>2</sup>	Numeric keypad *	✗
Display diagonal (metric)	33 cm	Keyboard backlit	✓
RGB colour space	NTSC	Keyboard layout	QWERTY
Colour gamut	72%	Software	
Processor		Operating system architecture	64-bit
Processor manufacturer *	Intel	Operating system installed *	Windows 10 Pro
Processor family *	Intel® Core™ i5	Processor special features	
Processor generation	11th gen Intel® Core™ i5	Intel Trusted Execution Technology	✗
Processor model *	i5-1135G7	Intel VT-x with Extended Page Tables (EPT)	✓
Processor cores	4	Intel Stable Image Platform Program (SIPP)	✗
Processor threads	8	Intel Software Guard Extensions (Intel SGX)	✗
Processor boost frequency	4.2 GHz	Idle States	✓
Processor cache	8 MB		
Processor cache type	L3		
Configurable TDP-up frequency	2.4 GHz		
Configurable TDP-up	28 W		
Configurable TDP-down	12 W		
Configurable TDP-down frequency	0.9 GHz		

<b>Memory</b>		<b>Processor special features</b>	
Internal memory *	8 GB	CPU configuration (max)	1
Internal memory type	LPDDR4x-SDRAM	Embedded options available	✗
Memory clock speed	4266 MHz	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Memory form factor	On-board	Intel Virtualization Technology (VT-x)	✓
Maximum internal memory *	8 GB		
ECC	✗		
<b>Storage</b>		<b>Brand-specific features</b>	
Total storage capacity *	256 GB	HP speaker type	HP Dual Speakers
Storage media *	SSD	HP Connection Optimizer	✓
Total SSDs capacity	256 GB	HP Support Assistant	✓
Number of SSDs installed	1	HP front camera	HP Webcam FHD IR
SSD capacity	256 GB		HP DriveLock and Automatic DriveLock; HP Secure Erase; HP Sure Click; HP Sure Sense; HP Sure Start Gen6; HP Sure Admin; HP BIOSphere Gen6; HP Sure Run Gen4; HP Sure Recover Gen4; HP Client Security Manager Gen7
SSD interface	NVMe	HP Security tools	
NVMe	✓		HP Driver Packs; HP Client Catalog; HP Manageability Integration Kit Gen4; HP Client Management Script Library (download)
Optical drive type *	✗	HP Management tools	
Card reader integrated	✗		HP Connection Optimizer; HP Image Assistant; HP Hotkey Support; HP Noise Cancellation Software; HP Support Assistant; HP Easy Clean; HP Power Manager; HP WorkWell; HP Privacy Settings; HP Notifications; HP QuickDrop; HP Wireless Button Driver
<b>Graphics</b>		HP Software provided	
Discrete graphics card model *	Not available		
On-board graphics card *	✓		
On-board GPU manufacturer	Intel		
Discrete graphics card *	✗		
On-board graphics card model *	Intel Iris Xe Graphics		
<b>Audio</b>		HP segment	Business
Audio system	Bang & Olufsen		
Number of built-in speakers	2		
Built-in microphone	✓		
Number of microphones	3		
<b>Camera</b>		<b>Battery</b>	
Front camera	✓	Battery technology	Lithium Polymer (LiPo)
Front camera signal format	1080p	Number of battery cells	2
Front camera HD type	Full HD	Battery capacity *	47 Wh
Infrared (IR) camera	✓	Fast charging	✓
		Fast charging time (50%)	30 min
		Battery weight	190 g
<b>Network</b>		<b>Power</b>	
Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)	AC adapter power	65 W
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax)	USB Type-C charging port *	✓
Mobile network connection *	✗	USB Power Delivery (USB PD)	✓
Antenna type	2x2		
WLAN controller model	Intel Wi-Fi 6 AX201	<b>Security</b>	
		Cable lock slot	✓
		Trusted Platform Module (TPM)	✓
		<b>Weight &amp; dimensions</b>	
		Width	289.3 mm
		Depth	215.8 mm
		Height	14.2 mm
		Weight (tablet mode)	820 g
		Width (tablet mode)	28.9 cm
		Depth (tablet mode)	21.6 cm
		Height (tablet mode)	8.8 mm
		Weight *	1.17 kg
		<b>Logistics data</b>	
		Harmonized System (HS) code	84713000



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