



HP EliteBook x360 830 G8 Intel® Core™ i5 i5-1135G7 Hybrid (2-in-1) 33.8 cm (13.3") Touchscreen Full HD 8 GB DDR4-SDRAM 256 GB SSD Wi-Fi 6 (802.11ax) Windows 11 Pro Silver



Brand : HP

Product family: EliteBook x360

Product code: 5P663EA#ABH

Product name : 830 G8

HP EliteBook x360 830 G8. Product type: Hybrid (2-in-1), Form factor: Convertible (Folder). Processor family: Intel® Core™ i5, Processor model: i5-1135G7, Processor frequency: 2.4 GHz. Display diagonal: 33.8 cm (13.3"), HD type: Full HD, Display resolution: 1920 x 1080 pixels, Touchscreen. Internal memory: 8 GB, Internal memory type: DDR4-SDRAM. Total storage capacity: 256 GB, Storage media: SSD. Operating system installed: Windows 11 Pro. Product colour: Silver

Design		Network	
Product type *	Hybrid (2-in-1)	WLAN controller manufacturer	Intel
Product colour *	Silver	Ethernet LAN	✗
Form factor *	Convertible (Folder)	Bluetooth	✓
Market positioning	Premium	Bluetooth version	5.0
Intel® vPro™ Platform Eligibility	✗	Miracast	✓
Original brand name	HP	MIMO	✓
Display		MIMO type	Multi User MIMO
Display diagonal *	33.8 cm (13.3")	Ports & interfaces	
Display resolution *	1920 x 1080 pixels	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Touchscreen *	✓	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2
HD type	Full HD	HDMI ports quantity *	1
Panel type	IPS	HDMI version	2.0
Native aspect ratio	16:9	Thunderbolt 4 ports quantity	2
Anti-glare screen	✓	Combo headphone/mic port	✓
Display brightness	400 cd/m ²	Keyboard	
Display diagonal (metric)	33.8 cm	Keyboard special features	Morsbestendig
RGB colour space	NTSC	Pointing device	Clickpad
Colour gamut	72%	Numeric keypad *	✗
Processor		Keyboard backlight	✓
Processor manufacturer *	Intel	Spill-resistant keyboard	✓
Processor family *	Intel® Core™ i5	Keyboard layout	QWERTY
Processor generation	11th gen Intel® Core™ i5	Input device model	HP Premium toetsenbord
Processor model *	i5-1135G7	Software	
Processor cores	4	Operating system installed *	Windows 11 Pro
Processor threads	8	Processor special features	
Processor boost frequency	4.2 GHz	Intel Trusted Execution Technology	✗
Processor frequency *	2.4 GHz	Intel VT-x with Extended Page Tables (EPT)	✓
Processor cache	8 MB	Intel Stable Image Platform Program (SIPP)	✗
Processor cache type	L3	Intel Software Guard Extensions (Intel SGX)	✗
Configurable TDP-up frequency	2.4 GHz		
Configurable TDP-up	28 W		
Configurable TDP-down	12 W		
Configurable TDP-down frequency	0.9 GHz		

Memory		Processor special features	
Internal memory *	8 GB	Idle States	✓
Internal memory type	DDR4-SDRAM	CPU configuration (max)	1
Memory clock speed	3200 MHz	Embedded options available	✗
Memory form factor	On-board	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Memory slots	1x SO-DIMM	Intel Virtualization Technology (VT-x)	✓
Maximum internal memory *	8 GB	Brand-specific features	
Number of free internal memory expansion slots	1	HP Connection Optimizer	✓
ECC	✗	HP Support Assistant	✓
Non-ECC	✓	HP segment	Business
Storage		Battery	
Total storage capacity *	256 GB	Battery technology	Lithium-Ion (Li-Ion)
Storage media *	SSD	Number of battery cells	3
Total SSDs capacity	256 GB	Battery capacity *	53 Wh
Number of SSDs installed	1	Battery weight	213 g
SSD capacity	256 GB	Power	
SSD interface	PCI Express, NVMe	AC adapter power	65 W
NVMe	✓	AC adapter frequency	50 - 60 Hz
Optical drive type *	✗	AC adapter input voltage	100 - 240 V
Card reader integrated	✗	DC-in jack	✓
Graphics		Security	
Discrete graphics card model *	Not available	Cable lock slot	✓
On-board graphics card *	✓	Fingerprint reader	✓
On-board GPU manufacturer	Intel	Trusted Platform Module (TPM)	✓
Discrete graphics card *	✗	Trusted Platform Module (TPM) version	2.0
On-board graphics card family	Intel Iris Xe Graphics	Password protection	✓
On-board graphics card model *	Intel Iris Xe Graphics	Password protection type	BIOS, Power on, User
Audio		Certificates	
Audio system	B&O PLAY	Low halogen	✓
Built-in speaker(s)	✓	Sustainability	
Number of built-in speakers	2	Sustainability compliance	✓
Speakers manufacturer	Bang & Olufsen	Sustainability certificates	ENERGY STAR, TCO
Built-in microphone	✓	Weight & dimensions	
Number of microphones	3	Width	307.5 mm
Camera		Depth	205 mm
Front camera	✓	Height	17.9 mm
Front camera signal format	720p	Weight *	1.35 kg
Front camera HD type	HD	Packaging data	
Infrared (IR) camera	✓	Package width	69 mm
Privacy camera	✓	Package depth	483 mm
Network		Package height	305 mm
Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)	Packaging content	
Wi-Fi standards	Wi-Fi 6 (802.11ax)	Keyboard included	✓
Mobile network connection *	✗	Logistics data	
Antenna type	2x2	Harmonized System (HS) code	84713000
WLAN controller model	Intel Wi-Fi 6 AX201	Other features	
		Number of speakers	2



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