



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



Brand : HP

Product family: EliteBook

Product code: 5P678EA#ABH

Product name : 830 G8

HP EliteBook 830 G8. Product type: Laptop, Form factor: Clamshell. 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. Internal memory: 8 GB, Internal memory type: DDR4-SDRAM. Total storage capacity: 256 GB, Storage media: SSD. Mobile network generation: 4G. Operating system installed: Windows 11 Pro. Product colour: Silver

Design		Network	
Product type *	Laptop	WLAN controller manufacturer	Intel
Product colour *	Silver	Ethernet LAN	✗
Form factor *	Clamshell	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 *	✗	HDMI ports quantity *	1
HD type	Full HD	HDMI version	2.0b
Panel type	IPS	Thunderbolt 4 ports quantity	2
Native aspect ratio	16:9	Combo headphone/mic port	✓
Anti-glare screen	✓	USB Type-C DisplayPort Alternate Mode	✓
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 backlit	✓
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 samenwerkingstoetsenbord
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		
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	Intel Software Guard Extensions (Intel SGX)	✗
Internal memory type	DDR4-SDRAM	Idle States	✓
Memory clock speed	3200 MHz	CPU configuration (max)	1
Memory form factor	SO-DIMM	Embedded options available	✗
Memory layout (slots x size)	1 x 8 GB	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Memory slots	2x SO-DIMM	Intel Virtualization Technology (VT-x)	✓
Maximum internal memory *	64 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	Fast charging	✓
SSD capacity	256 GB	Fast charging time (50%)	30 min
SSD interface	PCI Express, NVMe	Battery weight	204 g
NVMe	✓	Power	
Optical drive type *	✗	AC adapter power	65 W
Card reader integrated	✗	AC adapter frequency	50 - 60 Hz
Graphics		AC adapter input voltage	100 - 240 V
Discrete graphics card model *	Not available	DC-in jack	✓
On-board graphics card *	✓	USB Power Delivery (USB PD)	✓
On-board GPU manufacturer	Intel	Security	
Discrete graphics card *	✗	Cable lock slot	✓
On-board graphics card family	Intel Iris Xe Graphics	Fingerprint reader	✓
On-board graphics card model *	Intel Iris Xe Graphics	Trusted Platform Module (TPM)	✓
Audio		Trusted Platform Module (TPM) version	2.0
Audio system	B&O PLAY	Password protection	✓
Built-in speaker(s)	✓	Password protection type	BIOS, Power on, User
Number of built-in speakers	2	Certificates	
Speakers manufacturer	Bang & Olufsen	Low halogen	✓
Built-in microphone	✓	Sustainability	
Number of microphones	3	Sustainability compliance	✓
Camera		Sustainability certificates	ENERGY STAR, TCO
Front camera	✓	Weight & dimensions	
Front camera signal format	720p	Width	307.6 mm
Front camera HD type	HD	Depth	204.5 mm
Infrared (IR) camera	✓	Height	17.9 mm
Privacy camera	✓	Weight *	1.24 kg
Network		Packaging data	
Mobile network generation	4G	Package width	69 mm
4G standard	LTE-TDD & LTE-FDD	Package depth	483 mm
Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)	Package height	305 mm
Wi-Fi standards	Wi-Fi 6 (802.11ax)	Packaging content	
Mobile network connection *	✓	Keyboard included	✓
Antenna type	2x2	Logistics data	
WLAN controller model	Intel Wi-Fi 6 AX201	Harmonized System (HS) code	84713000
		Other features	
		Number of speakers	2



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