



HP EliteBook 830 G8 Intel® Core™ i7 i7-1165G7 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: 5P679EA#ABH

Product name : 830 G8



HP EliteBook 830 G8. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i7, Processor model: i7-1165G7, Processor frequency: 2.8 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. On-board graphics card model: Intel Iris Xe Graphics. Operating system installed: Windows 11 Pro. Product colour: Silver

Design		Network	
Product type *	Laptop	Ethernet LAN	✗
Product colour *	Silver	Bluetooth	✓
Form factor *	Clamshell	Bluetooth version	5.0
Market positioning	Premium	Miracast	✓
Intel® vPro™ Platform Eligibility	✗	MIMO	✓
Original brand name	HP	MIMO type	Multi User MIMO
Display		Ports & interfaces	
Display diagonal *	33.8 cm (13.3")	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Display resolution *	1920 x 1080 pixels	HDMI ports quantity *	1
Touchscreen *	✗	HDMI version	2.0b
HD type	Full HD	Thunderbolt 4 ports quantity	2
Panel type	IPS	Combo headphone/mic port	✓
Native aspect ratio	16:9	USB Type-C DisplayPort Alternate Mode	✓
Anti-glare screen	✓	Keyboard	
Display brightness	400 cd/m ²	Keyboard special features	Morsbestendig
Display diagonal (metric)	33.8 cm	Pointing device	Clickpad
RGB colour space	NTSC	Numeric keypad *	✗
Colour gamut	72%	Keyboard backlight	✓
Processor		Spill-resistant keyboard	✓
Processor manufacturer *	Intel	Keyboard layout	QWERTY
Processor family *	Intel® Core™ i7	Input device model	HP Premium samenwerkingstoetsenbord
Processor generation	11th gen Intel® Core™ i7	Software	
Processor model *	i7-1165G7	Operating system installed *	Windows 11 Pro
Processor cores	4	Processor special features	
Processor threads	8	Intel Trusted Execution Technology	✗
Processor boost frequency	4.7 GHz	Intel VT-x with Extended Page Tables (EPT)	✓
Processor frequency *	2.8 GHz	Intel Stable Image Platform Program (SIPP)	✗
Processor cache	12 MB	Intel Software Guard Extensions (Intel SGX)	✗
Processor cache type	L3		
Configurable TDP-up frequency	2.8 GHz		
Configurable TDP-up	28 W		
Configurable TDP-down	12 W		
Configurable TDP-down frequency	1.2 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	SO-DIMM	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Memory layout (slots x size)	1 x 8 GB	Intel Virtualization Technology (VT-x)	✓
Memory slots	2x SO-DIMM	Brand-specific features	
Maximum internal memory *	64 GB	HP Connection Optimizer	✓
Number of free internal memory expansion slots	1	HP Support Assistant	✓
ECC	✗	HP segment	Business
Non-ECC	✓	Battery	
Storage		Battery technology	Lithium-Ion (Li-Ion)
Total storage capacity *	256 GB	Number of battery cells	3
Storage media *	SSD	Battery capacity *	53 Wh
Total SSDs capacity	256 GB	Fast charging	✓
Number of SSDs installed	1	Fast charging time (50%)	30 min
SSD capacity	256 GB	Battery weight	204 g
SSD interface	PCI Express, NVMe	Power	
NVMe	✓	AC adapter power	65 W
Optical drive type *	✗	AC adapter frequency	50 - 60 Hz
Card reader integrated	✗	AC adapter input voltage	100 - 240 V
Graphics		DC-in jack	✓
Discrete graphics card model *	Not available	USB Power Delivery (USB PD)	✓
On-board graphics card *	✓	Security	
On-board GPU manufacturer	Intel	Cable lock slot	✓
Discrete graphics card *	✗	Fingerprint reader	✓
On-board graphics card family	Intel Iris Xe Graphics	Trusted Platform Module (TPM)	✓
On-board graphics card model *	Intel Iris Xe Graphics	Trusted Platform Module (TPM) version	2.0
Audio		Password protection	✓
Audio system	B&O PLAY	Password protection type	BIOS, Power on, User
Built-in speaker(s)	✓	Certificates	
Number of built-in speakers	2	Low halogen	✓
Speakers manufacturer	Bang & Olufsen	Sustainability	
Built-in microphone	✓	Sustainability compliance	✓
Number of microphones	3	Sustainability certificates	ENERGY STAR, TCO
Camera		Weight & dimensions	
Front camera	✓	Width	307.6 mm
Front camera signal format	720p	Depth	204.5 mm
Front camera HD type	HD	Height	17.9 mm
Infrared (IR) camera	✓	Weight *	1.24 kg
Privacy camera	✗	Packaging data	
Network		Package width	69 mm
Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)	Package depth	483 mm
Wi-Fi standards	Wi-Fi 6 (802.11ax)	Package height	305 mm
Mobile network connection *	✗	Packaging content	
Antenna type	2x2	Keyboard included	✓
WLAN controller model	Intel Wi-Fi 6 AX201	Logistics data	
WLAN controller manufacturer	Intel	Harmonized System (HS) code	84713000
		Other features	
		Number of speakers	2



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