



# HP EliteBook 830 G9 Intel® Core™ i5 i5-1235U Laptop 33.8 cm (13.3") WUXGA 8 GB DDR5-SDRAM 256 GB SSD Wi-Fi 6E (802.11ax) Windows 11 Pro Silver



**Brand :** HP

**Product family:** EliteBook

**Product code:** 5P794EA#ABH

**Product name :** 830 G9

HP EliteBook 830 G9. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i5, Processor model: i5-1235U, Processor frequency: 1.3 GHz. Display diagonal: 33.8 cm (13.3"), HD type: WUXGA, Display resolution: 1920 x 1200 pixels. Internal memory: 8 GB, Internal memory type: DDR5-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		Ports & interfaces	
Product type *	Laptop	HDMI ports quantity *	1
Product colour *	Silver	HDMI version	2.0
Form factor *	Clamshell	Thunderbolt 4 ports quantity	2
Market positioning	Premium	Combo headphone/mic port	✓
Introduction year	2022	USB Type-C DisplayPort Alternate Mode	✓
Country of origin	China		
Original brand name	HP		
Display		Keyboard	
Display diagonal *	33.8 cm (13.3")	Keyboard special features	Morsbestendig
Display resolution *	1920 x 1200 pixels	Pointing device	Clickpad
Touchscreen *	✗	Numeric keypad *	✗
HD type	WUXGA	Keyboard backlight	✓
Panel type	IPS	Spill-resistant keyboard	✓
Native aspect ratio	16:10	Keyboard layout	QWERTY
Anti-glare screen	✓	Input device model	HP Premium toetsenbord
Display brightness	400 cd/m <sup>2</sup>		
Display diagonal (metric)	33.8 cm	Software	
RGB colour space	sRGB	Windows 11 free upgrade	✓
Colour gamut	100%	Operating system installed *	Windows 11 Pro
Processor		Processor special features	
Processor manufacturer *	Intel	Intel Flex Memory Access	✓
Processor family *	Intel® Core™ i5	Intel Trusted Execution Technology	✓
Processor generation	12th gen Intel® Core™ i5	Intel VT-x with Extended Page Tables (EPT)	✓
Processor model *	i5-1235U	Execute Disable Bit	✓
Processor cores	10	CPU configuration (max)	1
Processor threads	12	Embedded options available	✗
Processor boost frequency	4.4 GHz	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Processor frequency *	1.3 GHz	Intel Virtualization Technology (VT-x)	✓
Processor cache	12 MB		
Processor cache type	L3	Brand-specific features	
Configurable TDP-down	12 W	HP speaker type	HP Dual Speakers
Memory		HP Connection Optimizer	✓
Internal memory *	8 GB	HP Support Assistant	✓
Internal memory type	DDR5-SDRAM		

<b>Memory</b>		<b>Brand-specific features</b>	
Memory clock speed	4800 MHz	HP Smart AC Adapter	✓
Memory form factor	On-board	HP front camera	HP Webcam 5MP
Maximum internal memory *	8 GB		HP Image Assistant; HP Hotkey Support; HP MAC Address Manager; HP Easy Clean; myHP; HP Privacy Settings; Touchpoint Customizer for Commercial; HP Notifications; HP QuickDrop; Tile App; HP Quick Touch; HP PC Hardware Diagnostics Windows
ECC	✗	HP Management tools	
Non-ECC	✓		
<b>Storage</b>		HP Expansion options	Business
Total storage capacity *	256 GB	HP segment	Business
Storage media *	SSD	<b>Battery</b>	
Total SSDs capacity	256 GB	Battery technology	Lithium-Ion (Li-Ion)
Number of SSDs installed	1	Number of battery cells	3
SSD capacity	256 GB	Battery capacity *	51 Wh
SSD interface	PCI Express	<b>Power</b>	
NVMe	✓	AC adapter power	65 W
Optical drive type *	✗	AC adapter frequency	50 - 60 Hz
<b>Graphics</b>		AC adapter input voltage	100 - 240 V
Discrete graphics card model *	Not available	USB Type-C charging port *	✓
On-board graphics card *	✓	USB Power Delivery (USB PD)	✓
On-board GPU manufacturer	Intel	<b>Security</b>	
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)	✓
<b>Audio</b>		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	<b>Certificates</b>	
Speakers manufacturer	Bang & Olufsen	Compliance certificates	GS mark
Built-in microphone	✓	<b>Sustainability</b>	
Number of microphones	2	Sustainability compliance	✓
<b>Camera</b>		Sustainability certificates	ENERGY STAR, TCO
Front camera	✓	<b>Weight &amp; dimensions</b>	
Front camera resolution (numeric)	5 MP	Width	300.1 mm
<b>Network</b>		Depth	214.8 mm
Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)	Height	19.2 mm
Wi-Fi standards	Wi-Fi 6E (802.11ax)	Weight *	1.27 kg
Mobile network connection *	✗	<b>Packaging data</b>	
Antenna type	2x2	Package width	69 mm
WLAN controller model	Intel Wi-Fi 6E AX211	Package depth	449 mm
WLAN controller manufacturer	Intel	Package height	305 mm
Bluetooth	✓	<b>Packaging content</b>	
Bluetooth version	5.2	Keyboard included	✓
<b>Ports &amp; interfaces</b>		Stylus pen	✗
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2	<b>Logistics data</b>	
		Harmonized System (HS) code	84713000
		<b>Other features</b>	
		Power management	✓
		Number of speakers	2

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