



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:** 6T159EA
Product name : 830 G9

- Intel® Core™ i5-1235U (up to 4.4 GHz with Intel® Turbo Boost Technology, 12 MB L3 cache, 10 cores, 12 threads)
 - Windows 11 Pro
 - 33.8 cm (13.3") diagonal WUXGA display
 - Intel® Iris® X^e Graphics
 - 8 GB memory; 256 GB SSD storage
- EliteBook 830 13 inch G9 Notebook PC, 13.3", Windows 11 Pro, Intel® Core™ i5, 8GB RAM, 256GB SSD, WUXGA

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:

Redefine corporate standards
 Remove barriers to hybrid work with the HP EliteBook 830. This enterprise business laptop brings new conferencing capabilities powered by HP Presence^[3], productivity, and security that is easily managed in hybrid work environments.



Design		Ports & interfaces	
Product type *	Laptop	Charging port type	USB Type-C
Product colour *	Silver	USB Type-C DisplayPort Alternate Mode	✓
Form factor *	Clamshell	USB Power Delivery	✓
Market positioning	Premium	Performance	
Introduction year	2022	Hall sensor	✗
Country of origin	China	Keyboard	
Original brand name	HP	Keyboard special features	Spill-resistant
Display		Pointing device	Clickpad
Display diagonal *	33.8 cm (13.3")	Numeric keypad *	✗
Display resolution *	1920 x 1200 pixels	Keyboard backlight	✓
Touchscreen *	✗	Island-style keyboard	✗
HD type	WUXGA	Spill-resistant keyboard	✓
Panel type	IPS	Input device model	HP Premium Keyboard
Anti-glare screen	✓	Software	
Display brightness	250 cd/m ²	Pre-installed software	HP Connection Optimizer; HP Image Assistant; HP Hotkey Support; HP MAC Address Manager; HP Support Assistant; HP Easy Clean; HP Power Manager; myHP; HP Privacy Settings; Touchpoint Customizer for Commercial; HP Notifications; HP QuickDrop; HP Quick Touch; HP PC Hardware Diagnostics Windows
Display diagonal (metric)	33.8 cm	Operating system installed *	Windows 11 Pro
RGB colour space	NTSC	Processor special features	
Colour gamut	45%	Intel Flex Memory Access	✓
Processor		Intel Trusted Execution Technology	✓
Processor manufacturer *	Intel	Intel VT-x with Extended Page Tables (EPT)	✓
Processor family *	Intel® Core™ i5	Execute Disable Bit	✓
Processor generation	12th gen Intel® Core™ i5	CPU configuration (max)	1
Processor model *	i5-1235U	Embedded options available	✗
Processor cores	10	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Processor threads	12		
Processor boost frequency	4.4 GHz		
Processor cache	12 MB		
Processor cache type	L3		
Configurable TDP-down	12 W		
Memory			
Internal memory *	8 GB		
Internal memory type	DDR5-SDRAM		
Memory clock speed	4800 MHz		

Memory		Processor special features			
Memory form factor	On-board	Intel Virtualization Technology (VT-x)	✓		
Maximum internal memory *	8 GB	Brand-specific features			
ECC	✗	HP speaker type	HP Dual Speakers		
Non-ECC	✓	HP Connection Optimizer	✓		
Storage		HP Support Assistant	✓		
Total storage capacity *	256 GB	HP Smart AC Adapter	✓		
Storage media *	SSD	HP front camera	HP Webcam 5MP		
Total SSDs capacity	256 GB	<p>Absolute persistence module; HP DriveLock and Automatic DriveLock; HP Secure Erase; HP Sure Click; HP Sure Sense; BIOS Update via Network; HP Sure Admin; HP BIOSphere Gen6; HP Client Security Manager Gen7; Secured-core PC capable; TPM 2.0 embedded security chip (Common Criteria EAL4+ and FIPS 140-2 Level 2 Certified); HP Sure Start Gen7; HP Wake on WLAN; HP Tamper Lock; HP Sure Run Gen5; HP Sure Recover Gen5</p> <p>HP Client Management Script Library (download); HP Driver Packs (download); HP Manageability Integration Kit Gen4 (download); HP Image Assistant Gen5 (download); HP Patch Assistant (download); HP Cloud Recovery; HP Connect for Microsoft Endpoint Manager</p> <p>HP Image Assistant; HP Hotkey Support; HP MAC Address Manager; HP Easy Clean; HP Power Manager; myHP; HP Privacy Settings; Touchpoint Customizer for Commercial; HP Notifications; HP QuickDrop; Tile App; HP Quick Touch; HP PC Hardware Diagnostics Windows</p>			
Number of SSDs installed	1				
SSD capacity	256 GB				
SSD interface	PCI Express				
NVMe	✓				
Optical drive type *	✗				
Graphics				HP Security tools	
Discrete graphics card model *	Not available				
On-board graphics card *	✓				
On-board GPU manufacturer	Intel				
Discrete graphics card *	✗	HP Management tools			
On-board graphics card family	Intel Iris Xe Graphics	<p>HP Image Assistant; HP Hotkey Support; HP MAC Address Manager; HP Easy Clean; HP Power Manager; myHP; HP Privacy Settings; Touchpoint Customizer for Commercial; HP Notifications; HP QuickDrop; Tile App; HP Quick Touch; HP PC Hardware Diagnostics Windows</p>			
On-board graphics card model *	Intel Iris Xe Graphics				
Audio				HP Software provided	
Audio system	B&O PLAY			HP segment	Business
Built-in speaker(s)	✓			HP GTIN (EAN/UPC)	196786720963
Number of built-in speakers	2			Battery	
Speakers manufacturer	Bang & Olufsen			Battery technology	Lithium-Ion (Li-Ion)
Built-in microphone	✓			Number of battery cells	3
Number of microphones	2			Battery capacity *	51 Wh
Camera				Power	
Front camera	✓	AC adapter power	45 W		
Front camera resolution (numeric)	5 MP	AC adapter frequency	50 - 60 Hz		
Network		AC adapter input voltage	100 - 240 V		
Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)	Security			
Wi-Fi standards	Wi-Fi 6E (802.11ax)	Trusted Platform Module (TPM)	✓		
Mobile network connection *	✗	Trusted Platform Module (TPM) version	2.0		
Antenna type	2x2	Password protection	✓		
WLAN controller model	Intel Wi-Fi 6E AX211	Password protection type	BIOS, Power on, User		
WLAN controller manufacturer	Intel	Certificates			
Bluetooth	✓	Compliance certificates	GS mark		
Bluetooth version	5.2	Sustainability			
Ports & interfaces		Sustainability compliance	✓		
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2	Sustainability certificates	ENERGY STAR, TCO		
HDMI ports quantity *	1				
HDMI version	2.0				
Thunderbolt 4 ports quantity	2				

Sustainability	
Sustainable technologies and materials	Low Halogen; Bulk packaging available; Molded paper pulp cushion inside box is 100% sustainably sourced and recyclable; Outside box and corrugated cushions are 100% sustainably sourced and recyclable; 35% post-consumer recycled plastic; Designed with recycled metals; Ocean-bound plastic in speaker enclosure(s)
Weight & dimensions	
Width	300.1 mm
Depth	214.8 mm
Height	19.2 mm
Weight *	1.27 kg
Packaging data	
Package width	69 mm
Package depth	449 mm
Package height	305 mm
Packaging content	
Keyboard included	✓
Stylus pen	✗
Logistics data	
Harmonized System (HS) code	8471300000
Other features	
Power management	✓
Number of speakers	2



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