



HP EliteBook 830 G7 i5-10210U Notebook 33.8 cm (13.3") Full HD Intel® Core™ i5 8 GB DDR4-SDRAM 256 GB SSD Wi-Fi 6 (802.11ax) Windows 10 Pro Silver



Brand : HP

Product family: EliteBook

Product code: 113X7ET

Product name : 830 G7

- Intel® Core™ i5-10210U processor with Intel® UHD Graphics 620 (1.6 GHz base frequency, up to 4.2 GHz with Intel® Turbo Boost Technology, 6 MB L3 cache, 4 cores)
 - Windows 10 Pro 64
 - 33.8 cm (13.3") diagonal, FHD (1920 x 1080), IPS, anti-glare, 250 nits, 45% NTSC
 - Intel® UHD Graphics 620
 - 8 GB memory; 256 GB SSD storage
- EliteBook 830 G7 Notebook PC, 13.3", Windows 10 Pro 64, Intel® Core™ i5, 8GB RAM, 256GB SSD, FHD

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Windows 10

Confidently navigate your day

A collaborative approach to work requires a powerful, secure, and durable laptop that keeps users connected and productive in any setting. Meet the demands of your multi-task, multi-place workday with the lightweight and beautifully designed HP EliteBook 830 G7.

Design		Network	
Product type *	Notebook	WLAN controller model	Intel Wi-Fi 6 AX201
Product colour *	Silver	WLAN controller manufacturer	Intel
Form factor *	Clamshell	Ethernet LAN	✗
Market positioning	Business	Bluetooth	✓
Intel® vPro™ Platform Eligibility	✗	Bluetooth version	5.0
Country of origin	China	Ports & interfaces	
Display		USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Display diagonal *	33.8 cm (13.3")	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	2
Display resolution *	1920 x 1080 pixels	HDMI ports quantity *	1
Touchscreen *	✗	HDMI version	1.4
HD type	Full HD	Combo headphone/mic port	✓
Panel type	IPS	Charging port type	DC-in jack
Native aspect ratio	16:9	Performance	
Anti-glare screen	✓	Ambient light sensor	✓
Display brightness	250 cd/m ²	Keyboard	
Display diagonal (metric)	33.8 cm	Keyboard special features	Spill-resistant
RGB colour space	NTSC	Pointing device	Clickpad
Colour gamut	45%	Numeric keypad *	✗
Processor		Keyboard backlight	✓
Processor manufacturer *	Intel	Spill-resistant keyboard	✓
Processor generation	10th gen Intel® Core™ i5	Software	
Processor model *	i5-10210U	Operating system architecture	64-bit
Processor family *	Intel® Core™ i5	Operating system installed *	Windows 10 Pro
Processor frequency *	1.6 GHz	Processor special features	
Processor boost frequency	4.2 GHz	Intel® My WiFi Technology (Intel® MWT)	✓
Processor threads	8	Intel® Identity Protection Technology (Intel® IPT)	✓
System bus rate	4 GT/s	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Processor cores	4	Intel® Turbo Boost Technology	2.0
Processor cache	6 MB		
Processor cache type	L3		
Processor socket	BGA 1528		
Processor lithography	14 nm		
Processor operating modes	64-bit		
Processor codename	Comet Lake		

Processor		Processor special features	
Thermal Design Power (TDP)	15 W	Enhanced Intel SpeedStep Technology	✓
Configurable TDP-up frequency	2.1 GHz	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Configurable TDP-up	25 W	Intel Clear Video Technology	✓
Configurable TDP-down	10 W	Intel® Quick Sync Video Technology	✓
Configurable TDP-down frequency	0.8 GHz	Intel Flex Memory Access	✓
Tjunction	100 °C	Intel® AES New Instructions (Intel® AES-NI)	✓
Maximum number of PCI Express lanes	16	Intel Trusted Execution Technology	✗
PCI Express slots version	3.0	Intel VT-x with Extended Page Tables (EPT)	✓
PCI Express configurations	1x4, 2x2, 1x2+2x1, 4x1	Intel® Secure Key	✓
Memory		Intel TSX-NI	✗
Internal memory *	8 GB	Intel Stable Image Platform Program (SIPP)	✗
Internal memory type	DDR4-SDRAM	Intel® OS Guard	✓
Memory clock speed	2666 MHz	Intel Software Guard Extensions (Intel SGX)	✓
Memory form factor	SO-DIMM	Intel 64	✓
Memory layout (slots x size)	1 x 8 GB	Execute Disable Bit	✓
Memory slots	1x SO-DIMM	Idle States	✓
ECC	✗	Thermal Monitoring Technologies	✓
Storage		Processor package size	46 x 24 mm
Total storage capacity *	256 GB	Supported instruction sets	SSE4.1, SSE4.2, AVX 2.0
Storage media *	SSD	CPU configuration (max)	1
Total SSDs capacity	256 GB	Embedded options available	✗
Number of SSDs installed	1	Intel Virtualization Technology for Directed I/O (VT-d)	✓
SSD capacity	256 GB	Intel Virtualization Technology (VT-x)	✓
SSD interface	PCI Express, NVMe	Processor ARK ID	195436
NVMe	✓	Brand-specific features	
Optical drive type *	✗	HP JumpStart	✓
Card reader integrated	✗	HP speaker type	HP Dual Speakers
Graphics		HP Connection Optimizer	✓
Discrete graphics card model *	Not available	HP Support Assistant	✓
On-board graphics card *	✓	HP front camera	HP Webcam HD IR
Discrete graphics card *	✗	HP Driver Packs; HP System Software Manager (SSM); HP BIOS Config Utility (BCU); HP Client Catalog; Ivanti Management Suite; HP Manageability Integration Kit Gen4	
On-board graphics card model *	Intel® UHD Graphics	HP Management tools	
On-board graphics card base frequency	300 MHz	HP segment	Business
On-board graphics card dynamic frequency (max)	1100 MHz	Battery	
Maximum on-board graphics card memory	32 GB	Battery technology	Lithium-Ion (Li-Ion)
Number of execution units	24	Number of battery cells	3
On-board graphics card DirectX version	12.0	Battery capacity *	53 Wh
On-board graphics card OpenGL version	4.5	Battery weight	204 g
On-board graphics card ID	0x9B41	Power	
Audio		AC adapter power	45 W
Audio system	Bang & Olufsen	Certificates	
Number of built-in speakers	2	Low halogen	✓
Built-in microphone	✓	Sustainability	
Number of microphones	3	Sustainability certificates	ENERGY STAR
Camera		Sustainable technologies and materials	Low halogen; TCO 8.0 Certified
Front camera	✓	Weight & dimensions	
Front camera HD type	HD	Width	307.8 mm
Infrared (IR) camera	✓	Depth	204.6 mm
Network			
Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)		
Wi-Fi standards	Wi-Fi 6 (802.11ax)		
Antenna type	2x2		

Weight & dimensions

Height	17.9 mm
Weight *	1.23 kg



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