



HP EliteBook 830 G5 Intel® Core™ i5 i5-8350U Laptop 33.8 cm (13.3") Full HD 8 GB DDR4-SDRAM 256 GB SSD Wi-Fi 5 (802.11ac) Windows 10 Pro Silver



Brand : HP

Product family: EliteBook

Product code: 4YH06PC

Product name : 830 G5

- Windows 10 Pro 64-bit
 - Intel Core i5-8350U (6MB Cache, 1.7GHz)
 - 33.8 cm (13.3") Full HD 1920 x 1080 IPS
 - 8GB (2400MHz) DDR4-SDRAM (1 x 8) & 256GB SSD
- Intel Core i5-8250U (6MB Cache, 1.6GHz), 8GB DDR4-SDRAM, 512GB SSD, 33.8 cm (13.3") Full HD 1920 x 1080, Intel UHD Graphics 620, LAN, WLAN, Bluetooth, HP Webcam, Windows 10 Pro 64-bit

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A distinctively designed notebook that lets you work anywhere

Beautifully crafted with the modern professional in mind, the highly secure and manageable HP EliteBook 830 offers powerful collaboration tools, so you can be as productive as ever, on the go or at the office.

Design		Ports & interfaces	
Product type *	Laptop	USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1
Product colour *	Silver	Ethernet LAN (RJ-45) ports	1
Form factor *	Clamshell	HDMI ports quantity *	1
Country of origin	China	HDMI version	1.4b
Display		Combo headphone/mic port	✓
Display diagonal *	33.8 cm (13.3")	Docking connector	✓
Display resolution *	1920 x 1080 pixels	Keyboard	
Touchscreen *	✗	Pointing device	Clickpad
HD type	Full HD	Numeric keypad *	✗
Panel type	IPS	Keyboard backlit	✓
LED backlight	✓	Spill-resistant keyboard	✓
Native aspect ratio	16:9	Software	
Processor		Operating system architecture	64-bit
Processor manufacturer *	Intel	Operating system installed *	Windows 10 Pro
Processor family *	Intel® Core™ i5	Processor special features	
Processor generation	8th gen Intel® Core™ i5	Intel® My WiFi Technology (Intel® MWT)	✓
Processor model *	i5-8350U	Intel® Smart Response Technology	✓
Processor cores	4	Intel® Identity Protection Technology (Intel® IPT)	✓
Processor threads	8	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Processor boost frequency	3.6 GHz	Intel® Turbo Boost Technology	2.0
Processor frequency *	1.7 GHz	Enhanced Intel SpeedStep Technology	✓
System bus rate	4 GT/s	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Processor cache	6 MB	Intel Clear Video Technology	✓
Processor cache type	Smart Cache	Intel® InTru™ 3D Technology	✓
Processor socket	BGA 1356	Intel® Quick Sync Video Technology	✓
Processor lithography	14 nm	Intel Flex Memory Access	✓
Processor operating modes	64-bit	Intel® AES New Instructions (Intel® AES-NI)	✓
Processor codename	Kaby Lake R		
Bus type	OPI		
Stepping	Y0		
Thermal Design Power (TDP)	15 W		
Configurable TDP-up frequency	1.9 GHz		
Configurable TDP-up	25 W		
Configurable TDP-down	10 W		

Processor		Processor special features	
Configurable TDP-down frequency	0.8 GHz	Intel Trusted Execution Technology	✓
Tjunction	100 °C	Intel Enhanced Halt State	✓
Maximum number of PCI Express lanes	12	Intel VT-x with Extended Page Tables (EPT)	✓
PCI Express slots version	3.0	Intel® Secure Key	✓
PCI Express configurations	1x2+2x1, 1x4, 2x2, 4x1	Intel TSX-NI	✓
Memory		Intel Stable Image Platform Program (SIPP)	✓
Internal memory *	8 GB	Intel® OS Guard	✓
Internal memory type	DDR4-SDRAM	Intel Software Guard Extensions (Intel SGX)	✓
Memory clock speed	2400 MHz	Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✓
Memory form factor	SO-DIMM	Intel 64	✓
Memory layout (slots x size)	1 x 8 GB	Execute Disable Bit	✓
Memory slots	2x SO-DIMM	Idle States	✓
Maximum internal memory *	32 GB	Thermal Monitoring Technologies	✓
Storage		Processor package size	42 X 24 mm
Total storage capacity *	256 GB	Supported instruction sets	AVX 2.0, SSE4.1, SSE4.2
Storage media *	SSD	Processor code	SR3L9
Total SSDs capacity	256 GB	CPU configuration (max)	1
Number of SSDs installed	1	Embedded options available	✗
SSD capacity	256 GB	Intel Virtualization Technology for Directed I/O (VT-d)	✓
SSD interface	PCI Express	Intel Identity Protection Technology version	1.00
Optical drive type *	✗	Intel Smart Response Technology version	1.00
Card reader integrated	✗	Intel Stable Image Platform Program (SIPP) version	1.00
Graphics		Intel Secure Key Technology version	1.00
Discrete graphics card model *	Not available	Intel TSX-NI version	1.00
On-board graphics card *	✓	Intel Virtualization Technology (VT-x)	✓
Discrete graphics card *	✗	Processor ARK ID	124969
On-board graphics card model *	Intel® UHD Graphics 620	Conflict-Free processor	✓
On-board graphics card base frequency	300 MHz	Brand-specific features	
On-board graphics card dynamic frequency (max)	1100 MHz	HP speaker type	HP Dual Speakers
Maximum on-board graphics card memory	32 GB	HP front camera	HP Webcam
On-board graphics card DirectX version	12.0	HP segment	Business
On-board graphics card OpenGL version	4.4	Battery	
On-board graphics card ID	0x5917	Battery technology	Lithium-Ion (Li-Ion)
Audio		Number of battery cells	3
Audio system	Bang & Olufsen	Battery capacity *	50 Wh
Number of built-in speakers	2	Power	
Built-in microphone	✓	AC adapter power	65 W
Number of microphones	3	Security	
Camera		Smart card reader	✓
Front camera	✓	Sustainability	
Front camera HD type	HD	Sustainability certificates	TCO
Network		Weight & dimensions	
Top Wi-Fi standard *	Wi-Fi 5 (802.11ac)	Width	310 mm
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac)	Depth	229.3 mm
Mobile network connection *	✗	Height	17.7 mm
Antenna type	2x2	Weight *	1.33 kg
Ethernet LAN	✓		
Ethernet LAN data rates	10,100,1000 Mbit/s		
Bluetooth	✓		
Bluetooth version	4.2		

Ports & interfaces

USB 3.2 Gen 1 (3.1 Gen 1) Type-A
ports quantity * 2

Catalog Object Cloud



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