



# HP EliteBook 850 G8 Intel® Core™ i5 i5-1135G7 Laptop 39.6 cm (15.6") 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:** 5P658EA#ABH

**Product name :** 850 G8

HP EliteBook 850 G8. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i5, Processor model: i5-1135G7, Processor frequency: 2.4 GHz. Display diagonal: 39.6 cm (15.6"), 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. Mobile network generation: 4G. Operating system installed: Windows 11 Pro. Product colour: Silver

Design		Network	
Product type *	Laptop	WLAN controller manufacturer	Intel
Product colour *	Silver	Ethernet LAN	✗
Form factor *	Clamshell	Bluetooth	✓
Market positioning	Premium	Bluetooth version	5.0
Intel® vPro™ Platform Eligibility	✗	Miracast	✓
Original brand name	HP	MIMO	✓
<b>Display</b>		MIMO type	Multi User MIMO
Display diagonal *	39.6 cm (15.6")	<b>Ports &amp; interfaces</b>	
Display resolution *	1920 x 1080 pixels	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Touchscreen *	✗	HDMI ports quantity *	1
HD type	Full HD	HDMI version	2.0b
Panel type	IPS	Thunderbolt 4 ports quantity	2
Native aspect ratio	16:9	Combo headphone/mic port	✓
Anti-glare screen	✓	USB Type-C DisplayPort Alternate Mode	✓
Display brightness	400 cd/m <sup>2</sup>	<b>Keyboard</b>	
Display diagonal (metric)	39.6 cm	Keyboard special features	Morsbestendig
RGB colour space	NTSC	Pointing device	Clickpad
Colour gamut	72%	Numeric keypad *	✓
<b>Processor</b>		Keyboard backlight	✓
Processor manufacturer *	Intel	Spill-resistant keyboard	✓
Processor family *	Intel® Core™ i5	Keyboard layout	QWERTY
Processor generation	11th gen Intel® Core™ i5	Input device model	HP Premium toetsenbord
Processor model *	i5-1135G7	<b>Software</b>	
Processor cores	4	Operating system installed *	Windows 11 Pro
Processor threads	8	<b>Processor special features</b>	
Processor boost frequency	4.2 GHz	Intel Trusted Execution Technology	✗
Processor frequency *	2.4 GHz	Intel VT-x with Extended Page Tables (EPT)	✓
Processor cache	8 MB	Intel Stable Image Platform Program (SIPP)	✗
Processor cache type	L3	Intel Software Guard Extensions (Intel SGX)	✗
Configurable TDP-up frequency	2.4 GHz		
Configurable TDP-up	28 W		
Configurable TDP-down	12 W		
Configurable TDP-down frequency	0.9 GHz		

<b>Memory</b>		<b>Processor special features</b>	
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	<b>Brand-specific features</b>	
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	✓	<b>Battery</b>	
<b>Storage</b>		Battery technology	Lithium-Ion (Li-Ion)
Total storage capacity *	256 GB	Number of battery cells	3
Storage media *	SSD	Battery capacity *	56 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	<b>Power</b>	
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
<b>Graphics</b>		DC-in jack	✓
Discrete graphics card model *	Not available	USB Power Delivery (USB PD)	✓
On-board graphics card *	✓	<b>Security</b>	
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
<b>Audio</b>		Password protection	✓
Audio system	B&O PLAY	Password protection type	BIOS, Power on, User
Built-in speaker(s)	✓	<b>Certificates</b>	
Number of built-in speakers	2	Low halogen	✓
Speakers manufacturer	Bang & Olufsen	<b>Sustainability</b>	
Built-in microphone	✓	Sustainability compliance	✓
Number of microphones	3	Sustainability certificates	ENERGY STAR, TCO
<b>Camera</b>		<b>Weight &amp; dimensions</b>	
Front camera	✓	Width	356 mm
Front camera signal format	720p	Depth	233.7 mm
Front camera HD type	HD	Height	19.2 mm
Infrared (IR) camera	✓	Weight *	1.68 kg
Privacy camera	✓	<b>Packaging data</b>	
<b>Network</b>		Package width	69 mm
Mobile network generation	4G	Package depth	520 mm
4G standard	LTE-TDD & LTE-FDD	Package height	305 mm
Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)	<b>Packaging content</b>	
Wi-Fi standards	Wi-Fi 6 (802.11ax)	Keyboard included	✓
Mobile network connection *	✓	<b>Logistics data</b>	
Antenna type	2x2	Harmonized System (HS) code	84713000
WLAN controller model	Intel Wi-Fi 6 AX201	<b>Other features</b>	
		Number of speakers	2



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