

## HP EliteBook 840 G9 Intel® Core™ i7 i7-1255U Laptop 35.6 cm (14") WUXGA 16 GB DDR5-SDRAM 512 GB SSD Wi-Fi 6E (802.11ax) Windows 11 Pro Silver

Brand: HP Product family: EliteBook Product code: 6T131EA

Product name: 840 G9

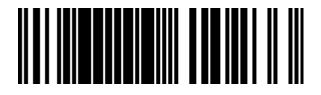
HP EliteBook 840 G9. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i7, Processor model: i7-1255U. Display diagonal: 35.6 cm (14"), HD type: WUXGA, Display resolution: 1920 x 1200 pixels. Internal memory: 16 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 512 GB, Storage media: SSD. On-board graphics card model: Intel Iris Xe Graphics. Operating system installed: Windows 11 Pro. Product colour: Silver. Weight: 1.36 kg





Design		Ports & interfaces	
Product type * Product colour *	Laptop Silver	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Form factor *	Clamshell	HDMI ports quantity *	1
Market positioning	Premium	HDMI version	2.0
Introduction year	2022	Thunderbolt 4 ports quantity	2
Country of origin	China	Combo headphone/mic port	✓
Original brand name	HP	USB Type-C DisplayPort Alternate Mode	<b>✓</b>
Display		Performance	
Display diagonal *	35.6 cm (14")		0.7
Display resolution *	1920 x 1200 pixels	Repairability index	8.7
Touchscreen *	×	Keyboard	
HD type	WUXGA	Keyboard special features	Spill-resistant
Panel type	IPS	Pointing device	Clickpad
Anti-glare screen	✓	Numeric keypad *	×
Display brightness	250 cd/m <sup>2</sup>	Keyboard backlit	✓
Display diagonal (metric)	35.6 cm	Spill-resistant keyboard	<b>✓</b>
RGB colour space	NTSC	Input device model	HP Premium Keyboard
Colour gamut	45%	Software	
Processor		Operating system installed *	Windows 11 Pro
Processor manufacturer *	Intel	Processor special features	
Processor family *	Intel® Core™ i7	•	
Processor generation	12th gen Intel® Core™ i7	Intel Flex Memory Access	✓
Processor model *	i7-1255U	Intel Trusted Execution Technology	✓
Processor cores Processor threads	10 12	Intel VT-x with Extended Page Tables (EPT)	✓
Processor boost frequency	4.7 GHz	Execute Disable Bit	<b>✓</b>
Processor cache	12 MB	CPU configuration (max)	1
Processor cache type	L3	Embedded options available	×
Configurable TDP-down	12 W	Intel Virtualization Technology for	<b>✓</b>
Memory		Directed I/O (VT-d)	
Internal memory *	16 GB	Intel Virtualization Technology (VT-x)	✓
Internal memory type	DDR5-SDRAM	Brand-specific features	
Memory clock speed	4800 MHz	HP speaker type	HP Dual Speakers

Memory		Brand-specific features	
Memory form factor	SO-DIMM	HP Connection Optimizer	<b>✓</b>
Memory layout (slots x size)	1 x 16 GB	HP Support Assistant	✓
Memory slots	2x SO-DIMM	HP front camera	HP Webcam 5MP
Number of free internal memory expansion slots	1 <b>x</b>		HP Image Assistant; HP Hotkey Support; HP MAC Address Manager; HP Easy Clean; myHP; HP Privacy
Non-ECC	✓	HP Software provided	Settings; Touchpoint Customizer for Commercial; HP Notifications; HP
Storage	F12 CD		QuickDrop; Tile App; HP Quick Touch; HP PC Hardware Diagnostics
Total storage capacity * Storage media *	512 GB SSD	HP cogmont	Windows Business
Total SSDs capacity	512 GB	HP segment	Dusilless
Number of SSDs installed	1	Battery	
SSD capacity	512 GB	Battery technology	Lithium-lon (Li-lon)
SSD interface	PCI Express	Number of battery cells	3
NVMe	·	Battery capacity *	51 Wh
Optical drive type *	x	Power	
Graphics		AC adapter power	65 W
	Mak availahla	AC adapter frequency	50 - 60 Hz
Discrete graphics card model *	Not available	AC adapter input voltage	100 - 240 V
On-board graphics card *	✓ List	USB Type-C charging port *	<b>✓</b>
On-board GPU manufacturer	Intel	USB Power Delivery (USB PD)	✓
Discrete graphics card *	×	Security	
On-board graphics card family	Intel Iris Xe Graphics	Fingerprint reader	<b>✓</b>
On-board graphics card model *	Intel Iris Xe Graphics	Trusted Platform Module (TPM)	·
Audio		Trusted Platform Module (TPM)	
Audio system	B&O PLAY	version	2.0
Built-in speaker(s)	<b>✓</b>	Password protection	✓
Number of built-in speakers	2	Password protection type	BIOS, Power on, User
Speakers manufacturer	Bang & Olufsen	Certificates	
Built-in microphone	<b>✓</b>	Compliance certificates	GS mark
Number of microphones	2	Sustainability	
Camera			
Front camera	✓	Sustainability compliance Sustainability certificates	✓ ENEDCY STAR TOO
Front camera resolution (numeric)	5 MP	·	ENERGY STAR, TCO
Network		Weight & dimensions	
Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)	Width	315.6 mm
Wi-Fi standards	Wi-Fi 6E (802.11ax)	Depth	224 mm
Antenna type	2x2	Height	19.2 mm
WLAN controller model	Intel Wi-Fi 6E AX211	Weight *	1.36 kg
WLAN controller manufacturer	Intel	Packaging data	
Bluetooth	✓	Package width	69 mm
Bluetooth version	5.3	Package depth	449 mm
		Package height	305 mm
		Packaging content	
		Keyboard included	<b>✓</b>
		Stylus pen	×
		Other features	
		Power management	<b>✓</b>
		Number of speakers	2



















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