



HP EliteBook 840 G9 Intel® Core™ i7 i7-1255U Laptop 35.6 cm (14") WUXGA 16 GB DDR5-SDRAM 256 GB SSD Wi-Fi 6E (802.11ax) Windows 11 Pro Silver



Brand : HP

Product family: EliteBook

Product code: 5Z6D4EA#ABH

Product name : 840 G9

HP EliteBook 840 G9. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i7, Processor model: i7-1255U, Processor frequency: 1.7 GHz. 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: 256 GB, Storage media: SSD. On-board graphics card model: Intel Iris Xe Graphics. Operating system installed: Windows 11 Pro. Product colour: Silver

Design		Network	
Product type *	Laptop	Bluetooth	✓
Product colour *	Silver	Bluetooth version	5.3
Form factor *	Clamshell	Ports & interfaces	
Market positioning	Premium	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Introduction year	2022	HDMI ports quantity *	1
Country of origin	China	HDMI version	2.0
Original brand name	HP	Thunderbolt 4 ports quantity	2
Display		Combo headphone/mic port	✓
Display diagonal *	35.6 cm (14")	USB Type-C DisplayPort Alternate Mode	✓
Display resolution *	1920 x 1200 pixels	Keyboard	
Touchscreen *	✗	Keyboard special features	Morsbestendig
HD type	WUXGA	Pointing device	Clickpad
Panel type	IPS	Numeric keypad *	✗
LED backlight	✓	Keyboard backlit	✓
Native aspect ratio	16:9	Spill-resistant keyboard	✓
Anti-glare screen	✓	Keyboard layout	QWERTY
Display brightness	400 cd/m ²	Input device model	HP Premium toetsenbord
Display diagonal (metric)	35.6 cm	Software	
RGB colour space	sRGB	Windows 11 free upgrade	✓
Colour gamut	100%	Operating system installed *	Windows 11 Pro
Processor		Processor special features	
Processor manufacturer *	Intel	Intel Flex Memory Access	✓
Processor family *	Intel® Core™ i7	Intel Trusted Execution Technology	✓
Processor generation	12th gen Intel® Core™ i7	Intel VT-x with Extended Page Tables (EPT)	✓
Processor model *	i7-1255U	Execute Disable Bit	✓
Processor cores	10	CPU configuration (max)	1
Processor threads	12	Embedded options available	✗
Processor boost frequency	4.7 GHz	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Processor frequency *	1.7 GHz		
Processor cache	12 MB		
Processor cache type	L3		
Configurable TDP-down	12 W		

Memory		Processor special features	
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 form factor	SO-DIMM	HP Connection Optimizer	✓
Memory layout (slots x size)	1 x 16 GB	HP Support Assistant	✓
Memory slots	2x SO-DIMM	HP front camera	HP Webcam 5MP
Maximum internal memory *	64 GB	HP segment	Business
Number of free internal memory expansion slots	1	Battery	
ECC	✗	Battery technology	Lithium-Ion (Li-Ion)
Non-ECC	✓	Number of battery cells	3
Storage		Battery capacity *	51 Wh
Total storage capacity *	256 GB	Power	
Storage media *	SSD	AC adapter power	65 W
Total SSDs capacity	256 GB	AC adapter frequency	50 - 60 Hz
Number of SSDs installed	1	AC adapter input voltage	100 - 240 V
SSD capacity	256 GB	USB Type-C charging port *	✓
SSD interface	PCI Express	USB Power Delivery (USB PD)	✓
NVMe	✓	Security	
SSD form factor	M.2	Cable lock slot	✓
Optical drive type *	✗	Fingerprint reader	✓
Card reader integrated	✗	Trusted Platform Module (TPM)	✓
Graphics		Trusted Platform Module (TPM) version	2.0
Discrete graphics card model *	Not available	Password protection	✓
On-board graphics card *	✓	Password protection type	BIOS, Power on, User
On-board GPU manufacturer	Intel	Certificates	
Discrete graphics card *	✗	Low halogen	✓
On-board graphics card family	Intel Iris Xe Graphics	Compliance certificates	GS mark
On-board graphics card model *	Intel Iris Xe Graphics	Sustainability	
Audio		Sustainability compliance	✓
Audio system	B&O PLAY	Sustainability certificates	ENERGY STAR, TCO
Built-in speaker(s)	✓	Weight & dimensions	
Number of built-in speakers	2	Width	315.6 mm
Speakers manufacturer	Bang & Olufsen	Depth	224 mm
Built-in microphone	✓	Height	19.2 mm
Number of microphones	2	Weight *	1.36 kg
Camera		Packaging data	
Front camera	✓	Package width	69 mm
Front camera resolution (numeric)	5 MP	Package depth	449 mm
Network		Package height	305 mm
Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)	Packaging content	
Wi-Fi standards	Wi-Fi 6E (802.11ax)	Keyboard included	✓
Mobile network connection *	✗	Stylus pen	✗
Antenna type	2x2	Logistics data	
WLAN controller model	Intel Wi-Fi 6E AX211	Harmonized System (HS) code	84713000
WLAN controller manufacturer	Intel	Other features	
Ethernet LAN	✗	Number of speakers	2

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