



# HP EliteBook 840 G9 Intel® Core™ i5 i5-1245U 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:** 8A456EA

**Product name :** 840 G9

- Intel® Core™ i5-1245U (up to 4.4 GHz with Intel® Turbo Boost Technology, 12 MB L3 cache, 10 cores, 12 threads)
  - Windows 11 Pro
  - 35.6 cm (14") diagonal WUXGA display
  - Intel® Iris® X<sup>e</sup> Graphics
  - 16 GB memory; 512 GB SSD storage
- EliteBook 840 14 inch G9 Notebook PC, 14", Windows 11 Pro, Intel® Core™ i5, 16GB RAM, 512GB SSD, WUXGA

HP EliteBook 840 G9 Intel® Core™ i5 i5-1245U Laptop 35.6 cm (14") WUXGA 16 GB DDR5-SDRAM 512 GB SSD Wi-Fi 6E (802.11ax) Windows 11 Pro Silver:

Redefine corporate standards

Remove barriers to hybrid work with the HP EliteBook 840. This enterprise business laptop brings new conferencing capabilities powered by HP Presence<sup>[3]</sup>, productivity, and security that is easily managed in hybrid work environments.



Design		Network	
Product type *	Laptop	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Product colour *	Silver	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Form factor *	Clamshell	Mobile network connection *	✗
Market positioning	Premium	Antenna type	2x2
Introduction year	2023	WLAN controller model	Intel Wi-Fi 6E AX211
Original brand name	HP	WLAN controller manufacturer	Intel
<b>Display</b>		Ethernet LAN	✗
Display diagonal *	35.6 cm (14")	Bluetooth	✓
Display resolution *	1920 x 1200 pixels	Bluetooth version	5.2
Touchscreen *	✗	<b>Ports &amp; interfaces</b>	
HD type	WUXGA	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Panel type	IPS	HDMI ports quantity *	1
Anti-glare screen	✓	HDMI version	2.0
Display brightness	250 cd/m <sup>2</sup>	Thunderbolt 4 ports quantity	2
Display diagonal (metric)	35.6 cm	Combo headphone/mic port	✓
RGB colour space	NTSC	USB Type-C DisplayPort Alternate Mode	✓
Colour gamut	45%	USB Power Delivery	✓
<b>Processor</b>		<b>Keyboard</b>	
Processor manufacturer *	Intel	Keyboard special features	Spill-resistant
Processor family *	Intel® Core™ i5	Pointing device	Clickpad
Processor generation	12th gen Intel® Core™ i5	Numeric keypad *	✗
Processor model *	i5-1245U	Keyboard backlight	✓
Processor cores	10	Spill-resistant keyboard	✓
Processor threads	12	Input device model	HP Premium Keyboard
Processor boost frequency	4.4 GHz		
Performance cores	2		
Efficient cores	8		
Performance-core Max Turbo Frequency	4.4 GHz		
Efficient-core Max Turbo Frequency	3.3 GHz		
Processor cache	12 MB		
Processor cache type	L3		
Configurable TDP-down	12 W		
Processor base power	15 W		

Processor		Software	
Maximum turbo power	55 W		HP Connection Optimizer; HP Image Assistant; HP Hotkey Support; HP MAC Address Manager; HP Support Assistant; HP Easy Clean; HP Power Manager; myHP; HP Privacy Settings; Touchpoint Customizer for Commercial; HP Notifications; HP QuickDrop; HP Quick Touch; HP PC Hardware Diagnostics Windows
Memory		Pre-installed software	
Internal memory *	16 GB	Operating system installed *	Windows 11 Pro
Internal memory type	DDR5-SDRAM	Processor special features	
Memory clock speed	4800 MHz	CPU configuration (max)	1
Memory form factor	SO-DIMM	Brand-specific features	
Memory layout (slots x size)	1 x 16 GB	HP speaker type	HP Dual Speakers
Memory slots	2x SO-DIMM	HP Connection Optimizer	✓
Maximum internal memory *	64 GB	HP Support Assistant	✓
ECC	✗	HP front camera	HP Webcam
Non-ECC	✓	HP Security tools	Absolute persistence module; HP DriveLock and Automatic DriveLock; HP Secure Erase; HP Sure Click; HP Sure Sense; BIOS Update via Network; HP Sure Admin; HP BIOSphere Gen6; HP Client Security Manager Gen7; Secured-core PC capable; TPM 2.0 embedded security chip (Common Criteria EAL4+ and FIPS 140-2 Level 2 Certified); HP Sure Start Gen7; HP Wake on WLAN; HP Tamper Lock; HP Sure Run Gen5; HP Sure Recover Gen5
Storage		HP Management tools	HP Client Management Script Library (download); HP Driver Packs (download); HP Manageability Integration Kit Gen4 (download); HP Image Assistant Gen5 (download); HP Patch Assistant (download); HP Cloud Recovery; HP Connect for Microsoft Endpoint Manager
Total storage capacity *	512 GB	HP segment	Business
Storage media *	SSD	HP GTIN (EAN/UPC)	197498386775
Total SSDs capacity	512 GB	Battery	
Number of SSDs installed	1	Battery technology	Lithium-Ion (Li-Ion)
SSD capacity	512 GB	Number of battery cells	3
SSD interface	PCI Express	Battery capacity *	51 Wh
NVMe	✓	Power	
Optical drive type *	✗	AC adapter power	45 W
Graphics		AC adapter frequency	50 - 60 Hz
Discrete graphics card model *	Not available	AC adapter input voltage	100 - 240 V
On-board graphics card *	✓	Security	
On-board GPU manufacturer	Intel	Smart card reader	✓
Discrete graphics card *	✗	Trusted Platform Module (TPM)	✓
On-board graphics card family	Intel Iris Xe Graphics	Trusted Platform Module (TPM) version	2.0
On-board graphics card model *	Intel Iris Xe Graphics	Password protection	✓
Audio		Password protection type	BIOS, Power on, User
Audio system	B&O PLAY	Certificates	
Built-in speaker(s)	✓	Low halogen	✓
Number of built-in speakers	2	Sustainability	
Speakers manufacturer	Bang & Olufsen	Sustainability compliance	✓
Built-in microphone	✓	Sustainability certificates	ENERGY STAR, GS mark, TCO
Number of microphones	2	Weight & dimensions	
Camera		Width	315.6 mm
Front camera	✓	Depth	224 mm
Front camera resolution (numeric)	5 MP		
Infrared (IR) camera	✓		

**Weight & dimensions**

Height	19.2 mm
Weight *	1.36 kg

**Packaging data**

Package width	69 mm
Package depth	449 mm
Package height	305 mm

**Packaging content**

Stylus pen	✘
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**Logistics data**

Harmonized System (HS) code	8471300000
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**Other features**

Number of speakers	2
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