



# HP EliteBook 840 G9 Intel® Core™ i5 i5-1235U Laptop 35.6 cm (14") WUXGA 8 GB DDR5-SDRAM 256 GB SSD Wi-Fi 6E (802.11ax) Windows 11 Pro Silver



Brand : HP

Product family: EliteBook

Product code: 6T1A4EA

Product name : 840 G9

- Intel® Core™ i5-1235U (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
  - 8 GB memory; 256 GB SSD storage
- EliteBook 840 14 inch G9 Notebook PC, 14", Windows 11 Pro, Intel® Core™ i5, 8GB RAM, 256GB SSD, WUXGA

HP EliteBook 840 G9 Intel® Core™ i5 i5-1235U Laptop 35.6 cm (14") WUXGA 8 GB DDR5-SDRAM 256 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		Ports & interfaces	
Product type *	Laptop	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Product colour *	Silver	HDMI ports quantity *	1
Form factor *	Clamshell	HDMI version	2.0
Market positioning	Premium	Charging port type	USB Type-C
Introduction year	2022	USB Type-C DisplayPort Alternate Mode	✓
Country of origin	China	USB Power Delivery	✓
Original brand name	HP		
Display		Keyboard	
Display diagonal *	35.6 cm (14")	Keyboard special features	Spill-resistant
Display resolution *	1920 x 1200 pixels	Pointing device	Clickpad
Touchscreen *	✗	Numeric keypad *	✗
HD type	WUXGA	Keyboard backlit	✓
Panel type	IPS	Spill-resistant keyboard	✓
Anti-glare screen	✓	Input device model	HP Premium Keyboard
Display brightness	250 cd/m <sup>2</sup>		
Display diagonal (metric)	35.6 cm	Software	
RGB colour space	NTSC	Pre-installed software	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
Colour gamut	45%	Operating system installed *	Windows 11 Pro
Processor		Processor special features	
Processor manufacturer *	Intel	Intel Flex Memory Access	✓
Processor family *	Intel® Core™ i5	Intel Trusted Execution Technology	✓
Processor generation	12th gen Intel® Core™ i5	Intel VT-x with Extended Page Tables (EPT)	✓
Processor model *	i5-1235U	Execute Disable Bit	✓
Processor cores	10	CPU configuration (max)	1
Processor threads	12	Embedded options available	✗
Processor boost frequency	4.4 GHz	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Processor cache	12 MB		
Processor cache type	L3		
Configurable TDP-down	12 W		
Memory			
Internal memory *	8 GB		
Internal memory type	DDR5-SDRAM		
Memory clock speed	4800 MHz		

<b>Memory</b>		<b>Processor special features</b>	
Memory form factor	SO-DIMM	Intel Virtualization Technology (VT-x)	✓
Memory layout (slots x size)	1 x 8 GB	<b>Brand-specific features</b>	
Memory slots	2x SO-DIMM	HP Connection Optimizer	✓
Number of free internal memory expansion slots	1	HP Support Assistant	✓
ECC	✗	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  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	
Non-ECC	✓		
<b>Storage</b>			
Total storage capacity *	256 GB		
Storage media *	SSD		
Total SSDs capacity	256 GB		
Number of SSDs installed	1		
SSD capacity	256 GB		
SSD interface	PCI Express		
NVMe	✓		
Optical drive type *	✗	HP Security tools	
<b>Graphics</b>		HP Management tools	
Discrete graphics card model *	Not available	HP segment	Business
On-board graphics card *	✓	HP GTIN (EAN/UPC)	196786691355
On-board GPU manufacturer	Intel	<b>Battery</b>	
Discrete graphics card *	✗	Battery technology	Lithium-Ion (Li-Ion)
On-board graphics card family	Intel Iris Xe Graphics	Number of battery cells	3
On-board graphics card model *	Intel Iris Xe Graphics	Battery capacity *	51 Wh
<b>Audio</b>		<b>Power</b>	
Audio system	B&O PLAY	AC adapter power	45 W
Built-in speaker(s)	✓	AC adapter frequency	50 - 60 Hz
Number of built-in speakers	2	AC adapter input voltage	100 - 240 V
Speakers manufacturer	Bang & Olufsen	<b>Security</b>	
Built-in microphone	✓	Trusted Platform Module (TPM)	✓
Number of microphones	2	Trusted Platform Module (TPM) version	2.0
<b>Camera</b>		Password protection	✓
Front camera	✓	Password protection type	BIOS, Power on, User
Front camera resolution (numeric)	5 MP	<b>Certificates</b>	
<b>Network</b>		Low halogen	✓
Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)	<b>Sustainability</b>	
Wi-Fi standards	Wi-Fi 6E (802.11ax)	Sustainability compliance	✓
Mobile network connection *	✗	Sustainability certificates	ENERGY STAR, GS mark, TCO
Antenna type	2x2	Low Halogen; Bulk packaging available; Molded paper pulp cushion inside box is 100% sustainably sourced and recyclable; Outside box and corrugated cushions are 100% sustainably sourced and recyclable; 60% post-consumer recycled plastic; Ocean-bound plastic in speaker enclosure(s)	
WLAN controller model	Intel Wi-Fi 6E AX211		
WLAN controller manufacturer	Intel		
Bluetooth	✓		
Bluetooth version	5.3		
<b>Weight &amp; dimensions</b>			
Width	315.6 mm		
Depth	224 mm		
Height	19.2 mm		
Weight *	1.36 kg		

<b>Packaging data</b>	
Package width	69 mm
Package depth	449 mm
Package height	305 mm
<b>Packaging content</b>	
Keyboard included	✓
Stylus pen	✗
<b>Logistics data</b>	
Harmonized System (HS) code	8471300000
<b>Other features</b>	
Number of speakers	2



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