



# 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: 6T1H6EA

Product name : 840 G9

- Intel® Core™ i7-1255U (up to 4.7 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™ i7, 16GB RAM, 512GB SSD, WUXGA

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:

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	Thunderbolt 4 ports quantity	2
Introduction year	2022	Charging port type	USB Type-C
Country of origin	China	USB Type-C DisplayPort Alternate Mode	✓
Original brand name	HP	USB Power Delivery	✓
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	400 cd/m <sup>2</sup>	Software	
Display diagonal (metric)	35.6 cm	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
RGB colour space	sRGB	Operating system installed *	Windows 11 Pro
Colour gamut	100%	Processor special features	
Processor		Intel Flex Memory Access	✓
Processor manufacturer *	Intel	Intel Trusted Execution Technology	✓
Processor family *	Intel® Core™ i7	Intel VT-x with Extended Page Tables (EPT)	✓
Processor generation	12th gen Intel® Core™ i7	Execute Disable Bit	✓
Processor model *	i7-1255U	CPU configuration (max)	1
Processor cores	10	Embedded options available	✗
Processor threads	12		
Processor boost frequency	4.7 GHz		
Processor cache	12 MB		
Processor cache type	L3		
Configurable TDP-down	12 W		
Memory			
Internal memory *	16 GB		
Internal memory type	DDR5-SDRAM		
Memory clock speed	4800 MHz		

<b>Memory</b>		<b>Processor special features</b>	
Memory layout (slots x size)	2 x 8 GB	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Memory slots	2x SO-DIMM	Intel Virtualization Technology (VT-x)	✓
Maximum internal memory *	64 GB	<b>Brand-specific features</b>	
Number of free internal memory expansion slots	2	HP speaker type	HP Dual Speakers
ECC	✗	HP Connection Optimizer	✓
Non-ECC	✓	HP Support Assistant	✓
<b>Storage</b>		HP front camera	HP Webcam 5MP
Total storage capacity *	512 GB	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 media *	SSD	HP Security tools	
Total SSDs capacity	512 GB	HP Management tools	
Number of SSDs installed	1	HP segment	
SSD capacity	512 GB	HP GTIN (EAN/UPC)	
SSD interface	PCI Express	196786934728	
NVMe	✓	<b>Battery</b>	
Optical drive type *	✗	Battery technology	Lithium-Ion (Li-Ion)
Card reader integrated	✗	Number of battery cells	3
<b>Graphics</b>		Battery capacity *	51 Wh
Discrete graphics card model *	Not available	<b>Power</b>	
On-board graphics card *	✓	AC adapter power	65 W
On-board GPU manufacturer	Intel	AC adapter frequency	50 - 60 Hz
Discrete graphics card *	✗	AC adapter input voltage	100 - 240 V
On-board graphics card family	Intel Iris Xe Graphics	<b>Security</b>	
On-board graphics card model *	Intel Iris Xe Graphics	Trusted Platform Module (TPM)	✓
<b>Audio</b>		Trusted Platform Module (TPM) version	2.0
Audio system	B&O PLAY	Password protection	✓
Built-in speaker(s)	✓	Password protection type	BIOS, Power on, User
Number of built-in speakers	2	<b>Certificates</b>	
Speakers manufacturer	Bang & Olufsen	Low halogen	✓
Built-in microphone	✓	<b>Sustainability</b>	
Number of microphones	2	Sustainability compliance	✓
<b>Camera</b>		Sustainability certificates	ENERGY STAR, GS mark, TCO
Front camera	✓	Sustainable technologies and materials	
Front camera resolution (numeric)	5 MP	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)	
<b>Network</b>		<b>Weight &amp; dimensions</b>	
Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)	Width	315.6 mm
Wi-Fi standards	Wi-Fi 6E (802.11ax)	Depth	224 mm
Mobile network connection *	✗		
Antenna type	2x2		
WLAN controller model	Intel Wi-Fi 6E AX211		
WLAN controller manufacturer	Intel		
Ethernet LAN	✗		
Bluetooth	✓		
Bluetooth version	5.3		

**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**

Keyboard included	✓
Stylus pen	✗

**Logistics data**

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

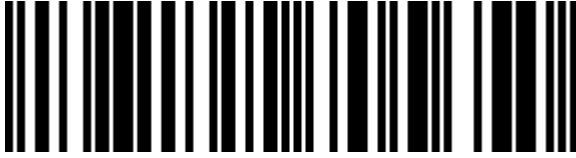
Number of speakers	2
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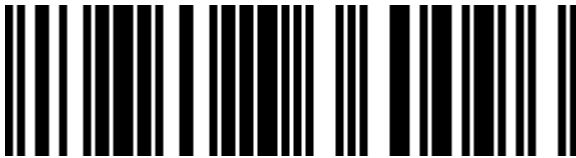
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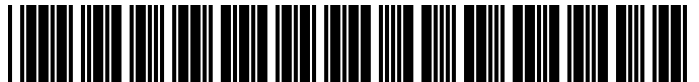
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