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:** 6T1F6EA

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 (preinstalled with Windows 10 Pro Downgrade)
- 35.6 cm (14") diagonal WUXGA display
- Intel® Iris® Xᵉ Graphics
- 16 GB memory; 512 GB SSD storage

EliteBook 840 14 inch G9 Notebook PC, 14", Windows 11 Pro (preinstalled with Windows 10 Pro Downgrade), Intel® Core™ i7, 16GB RAM, 512GB SSD, WUXGA

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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[3], productivity, and security that is easily managed in hybrid work environments.

Design	
Product type *	Laptop
Product colour *	Silver
Form factor *	Clamshell
Market positioning	Premium
Introduction year	2022
Country of origin	China
Original brand name	HP

Display	
Display diagonal *	35.6 cm (14")
Display resolution *	1920 x 1200 pixels
Touchscreen *	✗
HD type	WUXGA
Panel type	IPS
Anti-glare screen	✓
Display brightness	250 cd/m²
Display diagonal (metric)	35.6 cm
RGB colour space	NTSC
Colour gamut	45%

Processor	
Processor manufacturer *	Intel
Processor family *	Intel® Core™ i7
Processor generation	12th gen Intel® Core™ i7
Processor model *	i7-1255U
Processor cores	10
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

Ports & interfaces	
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
HDMI ports quantity *	1
HDMI version	2.0
Charging port type	USB Type-C
USB Type-C DisplayPort Alternate Mode	✓
USB Power Delivery	✓

Keyboard	
Keyboard special features	Spill-resistant
Pointing device	Clickpad
Numeric keypad *	✗
Keyboard backlit	✓
Spill-resistant keyboard	✓
Input device model	HP Premium Keyboard

Software	
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
Operating system installed *	Windows 11 Pro

Processor special features	
Intel Flex Memory Access	✓
Intel Trusted Execution Technology	✓
Intel VT-x with Extended Page Tables (EPT)	✓
Execute Disable Bit	✓
CPU configuration (max)	1
Embedded options available	✗
Intel Virtualization Technology for Directed I/O (VT-d)	✓

Memory	
Memory form factor	SO-DIMM
Memory layout (slots x size)	1 x 16 GB
Memory slots	2x SO-DIMM
Number of free internal memory expansion slots	1
ECC	✗
Non-ECC	✓

Storage	
Total storage capacity *	512 GB
Storage media *	SSD
Total SSDs capacity	512 GB
Number of SSDs installed	1
SSD capacity	512 GB
SSD interface	PCI Express
NVMe	✓
Optical drive type *	✗

Graphics	
Discrete graphics card model *	Not available
On-board graphics card *	✓
On-board GPU manufacturer	Intel
Discrete graphics card *	✗
On-board graphics card family	Intel Iris Xe Graphics
On-board graphics card model *	Intel Iris Xe Graphics

Audio	
Audio system	B&O PLAY
Built-in speaker(s)	✓
Number of built-in speakers	2
Speakers manufacturer	Bang & Olufsen
Built-in microphone	✓
Number of microphones	2

Camera	
Front camera	✓
Front camera resolution (numeric)	5 MP

Network	
Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Wi-Fi standards	Wi-Fi 6E (802.11ax)
Mobile network connection *	✗
Antenna type	2x2
WLAN controller model	Intel Wi-Fi 6E AX211
WLAN controller manufacturer	Intel
Bluetooth	✓
Bluetooth version	5.3

Processor special features	
Intel Virtualization Technology (VT-x)	✓

Brand-specific features	
HP Connection Optimizer	✓
HP Support Assistant	✓
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
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
HP segment	Business
HP GTIN (EAN/UPC)	197029394194

Battery	
Battery technology	Lithium-Ion (Li-Ion)
Number of battery cells	3
Battery capacity *	51 Wh

Power	
AC adapter power	45 W
AC adapter frequency	50 - 60 Hz
AC adapter input voltage	100 - 240 V

Security	
Fingerprint reader	✓
Trusted Platform Module (TPM)	✓
Trusted Platform Module (TPM) version	2.0
Password protection	✓
Password protection type	BIOS, Power on, User

Certificates	
Low halogen	✓

Sustainability	
Sustainability compliance	✓
Sustainability certificates	ENERGY STAR, GS mark, TCO
Sustainable technologies and materials	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)

Weight & dimensions	
Width	315.6 mm
Depth	224 mm
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
Other features	
Number of speakers	2

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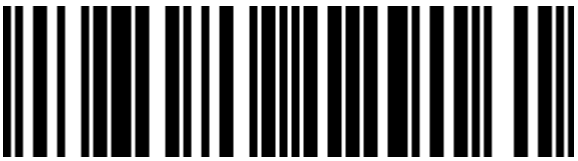

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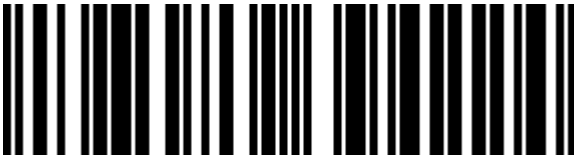

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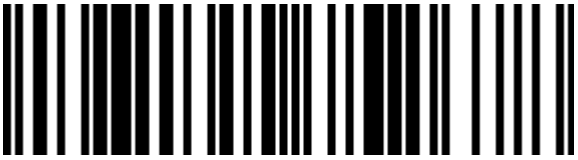

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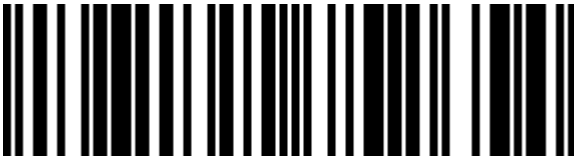

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