



HP EliteBook 840 G9 Intel® Core™ i7 i7-1255U Laptop 35.6 cm (14") WUXGA 32 GB DDR5-SDRAM 1 TB SSD Wi-Fi 6E (802.11ax) Windows 11 Pro Silver



Brand : HP

Product family: EliteBook

Product code: 6F5S6EA#ABH

Product name : 840 G9

HP EliteBook 840 G9. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i7, Processor model: i7-1255U. Display diagonal: 35.6 cm (14"), HD type: WUXGA, Display resolution: 1920 x 1200 pixels. Internal memory: 32 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 1 TB, Storage media: SSD. On-board graphics card model: Intel Iris Xe Graphics. Operating system installed: Windows 11 Pro. Product colour: Silver. Weight: 1.36 kg

Design		Network	
Product type *	Laptop	WLAN controller manufacturer	Intel
Product colour *	Silver	Ethernet LAN	✗
Form factor *	Clamshell	Bluetooth	✓
Market positioning	Premium	Bluetooth version	5.3
Introduction year	2022	Near Field Communication (NFC)	✓
Country of origin	China	Ports & interfaces	
Original brand name	HP	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Display		HDMI ports quantity *	1
Display diagonal *	35.6 cm (14")	HDMI version	2.0
Display resolution *	1920 x 1200 pixels	Thunderbolt 4 ports quantity	2
Touchscreen *	✗	USB Type-C DisplayPort Alternate Mode	✓
HD type	WUXGA	Keyboard	
Panel type	IPS	Keyboard special features	Morsbestendig
LED backlight	✓	Pointing device	Clickpad
Native aspect ratio	16:9	Numeric keypad *	✗
Anti-glare screen	✓	Keyboard backlit	✓
Display brightness	400 cd/m ²	Spill-resistant keyboard	✓
Display diagonal (metric)	35.6 cm	Keyboard layout	QWERTY
RGB colour space	sRGB	Input device model	HP Premium toetsenbord
Colour gamut	100%	Software	
Processor		Operating system installed *	Windows 11 Pro
Processor manufacturer *	Intel	Processor special features	
Processor family *	Intel® Core™ i7	Intel Flex Memory Access	✓
Processor generation	12th gen Intel® Core™ i7	Intel Trusted Execution Technology	✓
Processor model *	i7-1255U	Intel VT-x with Extended Page Tables (EPT)	✓
Processor cores	10	Execute Disable Bit	✓
Processor threads	12	CPU configuration (max)	1
Processor boost frequency	4.7 GHz	Embedded options available	✗
Processor cache	12 MB	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Processor cache type	L3		
Configurable TDP-down	12 W		
Memory			
Internal memory *	32 GB		

Memory		Processor special features	
Internal memory type	DDR5-SDRAM	Intel Virtualization Technology (VT-x)	✓
Memory clock speed	4800 MHz	Brand-specific features	
Memory form factor	SO-DIMM	HP speaker type	HP Dual Speakers
Memory layout (slots x size)	1 x 32 GB	HP Connection Optimizer	✓
Memory slots	2x SO-DIMM	HP Support Assistant	✓
Maximum internal memory *	64 GB	HP front camera	HP Webcam 5MP
Number of free internal memory expansion slots	1	HP segment	Business
ECC	✗	Battery	
Non-ECC	✓	Battery technology	Lithium Polymer (LiPo)
Storage		Number of battery cells	3
Total storage capacity *	1 TB	Battery capacity *	38 Wh
Storage media *	SSD	Power	
Total SSDs capacity	1 TB	AC adapter power	45 W
Number of SSDs installed	1	AC adapter frequency	50 - 60 Hz
SSD capacity	1 TB	AC adapter input voltage	100 - 240 V
SSD memory type	TLC	USB Type-C charging port *	✓
SSD interface	PCI Express	USB Power Delivery (USB PD)	✓
NVMe	✓	Security	
SSD form factor	M.2	Fingerprint reader	✓
Optical drive type *	✗	Trusted Platform Module (TPM)	✓
Card reader integrated	✗	Trusted Platform Module (TPM) version	2.0
Graphics		Password protection	✓
Discrete graphics card model *	Not available	Password protection type	BIOS, Power on, User
On-board graphics card *	✓	Certificates	
On-board GPU manufacturer	Intel	Low halogen	✓
Discrete graphics card *	✗	Compliance certificates	GS mark
On-board graphics card family	Intel Iris Xe Graphics	Sustainability	
On-board graphics card model *	Intel Iris Xe Graphics	Sustainability compliance	✓
Audio		Sustainability certificates	ENERGY STAR, TCO
Audio system	B&O PLAY	Weight & dimensions	
Built-in speaker(s)	✓	Width	315.6 mm
Number of built-in speakers	2	Depth	224 mm
Speakers manufacturer	Bang & Olufsen	Height	19.2 mm
Built-in microphone	✓	Weight *	1.36 kg
Number of microphones	2	Packaging data	
Camera		Package width	69 mm
Front camera	✓	Package depth	449 mm
Front camera resolution (numeric)	5 MP	Package height	305 mm
Network		Packaging content	
Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)	Keyboard included	✓
Wi-Fi standards	Wi-Fi 6E (802.11ax)	Stylus pen	✗
Mobile network connection *	✗	Other features	
Antenna type	2x2	Number of speakers	2
WLAN controller model	Intel Wi-Fi 6E AX211		

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