



HP EliteBook 840 G6 Intel® Core™ i7 i7-8565U Laptop 35,6 cm (14") Full HD 16 GB DDR4-SDRAM 512 GB SSD Windows 10 Pro Silver



Brand : HP

Product family: EliteBook

Product code: 9ZH59US

Product name : 840 G6

- Windows 10 Pro 64-bit
 - Intel Core i7-8565U (8MB Cache, 1.8GHz)
 - 35.6 cm (14") Full HD 1920 x 1080 IPS
 - 16GB (2400MHz) DDR4-SDRAM (2 x 8) & 512GB SSD
- Intel Core i7-8565U (8MB Cache, 1.8GHz), 16GB DDR4-SDRAM, 512GB SSD, 35.6 cm (14") Full HD 1920 x 1080 IPS, Intel UHD Graphics, LAN, Webcam, Windows 10 Pro 64-bit

HP EliteBook 840 G6 Intel® Core™ i7 i7-8565U Laptop 35,6 cm (14") Full HD 16 GB DDR4-SDRAM 512 GB SSD Windows 10 Pro Silver:

Uniquely designed for the modern mobile professional, the HP EliteBook 840 is a highly secure and manageable PC offering powerful collaboration tools, enabling the enterprise workforce to be more productive and secure on the go or in the office.

Design		Network	
Product type *	Laptop	Ethernet LAN data rates	10,100,1000 Mbit/s
Product colour *	Silver	Ports & interfaces	
Form factor *	Clamshell	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Market positioning	Premium	Ethernet LAN (RJ-45) ports	1
Country of origin	China	HDMI ports quantity *	1
Display		HDMI version	1.4b
Display diagonal *	35.6 cm (14")	Thunderbolt ports quantity	1
Display resolution *	1920 x 1080 pixels	Combo headphone/mic port	✓
Touchscreen *	✗	Keyboard	
HD type	Full HD	Pointing device	Clickpad
Panel type	IPS	Numeric keypad *	✗
LED backlight	✓	Spill-resistant keyboard	✓
Native aspect ratio	16:9	Software	
Display brightness	250 cd/m ²	Operating system architecture	64-bit
RGB colour space	NTSC	Operating system installed *	Windows 10 Pro
Colour gamut	45%	Processor special features	
Processor		Enhanced Intel SpeedStep Technology	✓
Processor manufacturer *	Intel	Intel Clear Video Technology	✓
Processor family *	Intel® Core™ i7	Intel Flex Memory Access	✓
Processor generation	8th gen Intel® Core™ i7	Intel Trusted Execution Technology	✗
Processor model *	i7-8565U	Intel Enhanced Halt State	✓
Processor cores	4	Intel VT-x with Extended Page Tables (EPT)	✓
Processor boost frequency	4.6 GHz	Intel TSX-NI	✗
Processor frequency *	1.8 GHz	Intel Software Guard Extensions (Intel SGX)	✓
Processor cache	8 MB	Intel 64	✓
Processor cache type	Smart Cache	Execute Disable Bit	✓
Bus type	OPI	Idle States	✓
Configurable TDP-up frequency	2 GHz	CPU configuration (max)	1
Configurable TDP-up	25 W	Embedded options available	✗
Configurable TDP-down	10 W	Memory	
Configurable TDP-down frequency	0.8 GHz	Internal memory *	16 GB
Memory		Internal memory type	DDR4-SDRAM

Memory		Processor special features	
Memory clock speed	2400 MHz	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Memory form factor	SO-DIMM	Intel Identity Protection Technology version	1.00
Memory layout (slots x size)	2 x 8 GB	Intel Smart Response Technology version	1.00
Memory slots	2x SO-DIMM	Intel Secure Key Technology version	1.00
Storage		Intel TSX-NI version	0.00
Total storage capacity *	512 GB	Intel Virtualization Technology (VT-x)	✓
Storage media *	SSD	Brand-specific features	
Total SSDs capacity	512 GB	HP JumpStart	✓
Number of SSDs installed	1	HP speaker type	HP Dual Speakers
SSD capacity	512 GB	HP Connection Optimizer	✓
SSD interface	NVMe, PCI Express	HP Support Assistant	✓
NVMe	✓	HP segment	Business
Optical drive type *	✗	Battery	
Card reader integrated	✗	Battery technology	Lithium-Ion (Li-Ion)
Graphics		Number of battery cells	3
Discrete graphics card model *	Not available	Battery capacity *	50 Wh
On-board graphics card *	✓	Battery weight	190 g
Discrete graphics card *	✗	Power	
On-board graphics card model *	Intel® UHD Graphics	AC adapter power	65 W
Audio		Weight & dimensions	
Audio system	Bang & Olufsen	Width	326 mm
Number of built-in speakers	2	Depth	234.3 mm
Built-in microphone	✓	Height	17.9 mm
Number of microphones	3	Weight *	1.48 kg
Camera			
Front camera	✓		
Network			
Ethernet LAN	✓		

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