



HP EliteBook 840 G7 Intel® Core™ i5 i5-10310U Laptop 35.6 cm (14") Full HD 16 GB DDR4-SDRAM 256 GB SSD Wi-Fi 6 (802.11ax) Windows 10 Pro Silver



Brand : HP

Product family: EliteBook

Product code: 2D1T9UP

Product name : 840 G7

HP EliteBook 840 G7. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i5, Processor model: i5-10310U, Processor frequency: 1.7 GHz. Display diagonal: 35.6 cm (14"), HD type: Full HD, Display resolution: 1920 x 1080 pixels. Internal memory: 16 GB, Internal memory type: DDR4-SDRAM. Total storage capacity: 256 GB, Storage media: SSD. On-board graphics card model: Intel® UHD Graphics. Operating system installed: Windows 10 Pro. Product colour: Silver

Design		Network	
Product type *	Laptop	WLAN controller manufacturer	Intel
Product colour *	Silver	Ethernet LAN	✗
Form factor *	Clamshell	Bluetooth	✓
Market positioning	Premium	Bluetooth version	5.0
Country of origin	China	Miracast	✓
Display		MIMO	✓
Display diagonal *	35.6 cm (14")	MIMO type	Multi User MIMO
Display resolution *	1920 x 1080 pixels	Ports & interfaces	
Touchscreen *	✗	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
HD type	Full HD	USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	2
Panel type	IPS	HDMI ports quantity *	1
LED backlight	✓	HDMI version	1.4
Native aspect ratio	16:9	Combo headphone/mic port	✓
Display brightness	250 cd/m ²	Performance	
Display diagonal (metric)	35.6 cm	Electronic compass	✓
RGB colour space	NTSC	Keyboard	
Colour gamut	45%	Pointing device	Clickpad
Processor		Numeric keypad *	✗
Processor manufacturer *	Intel	Spill-resistant keyboard	✓
Processor family *	Intel® Core™ i5	Software	
Processor generation	10th gen Intel® Core™ i5	Operating system architecture	64-bit
Processor model *	i5-10310U	Operating system installed *	Windows 10 Pro
Processor cores	4	Processor special features	
Processor boost frequency	4.4 GHz	Enhanced Intel SpeedStep Technology	✓
Processor frequency *	1.7 GHz	Intel Clear Video Technology	✓
Processor cache	6 MB	Intel Flex Memory Access	✓
Processor cache type	Smart Cache	Intel Trusted Execution Technology	✓
Configurable TDP-up frequency	2.2 GHz	Intel VT-x with Extended Page Tables (EPT)	✓
Configurable TDP-up	25 W		
Configurable TDP-down	10 W		
Configurable TDP-down frequency	0.8 GHz		
Memory			
Internal memory *	16 GB		
Internal memory type	DDR4-SDRAM		

Memory		Processor special features	
Memory clock speed	2666 MHz	Intel Stable Image Platform Program (SIPP)	✓
Memory form factor	SO-DIMM	Intel Software Guard Extensions (Intel SGX)	✓
Memory layout (slots x size)	1 x 16 GB	Intel 64	✓
Memory slots	2x SO-DIMM	Idle States	✓
Maximum internal memory *	64 GB	CPU configuration (max)	1
ECC	✗	Embedded options available	✗
Storage		Intel Virtualization Technology for Directed I/O (VT-d)	✓
Total storage capacity *	256 GB	Intel Virtualization Technology (VT-x)	✓
Storage media *	SSD	Brand-specific features	
Total SSDs capacity	256 GB	HP JumpStart	✓
Number of SSDs installed	1	HP speaker type	HP Dual Speakers
SSD capacity	256 GB	HP Connection Optimizer	✓
SSD memory type	TLC	HP Support Assistant	✓
SSD interface	NVMe, PCI Express	HP Smart AC Adapter	✓
NVMe	✓	HP front camera	HP Webcam HD IR
SSD form factor	M.2	Absolute persistence module; HP DriveLock and Automatic DriveLock; HP Secure Erase; Power-on authentication; TPM 2.0 embedded security chip shipped with Windows 10 (Common Criteria EAL4+ Certified); HP Sure Click; Windows Defender; HP BIOSphere Gen5; HP Sure Sense; BIOS Update via Network; Support for chassis padlocks and cable lock devices; HP Client Security Manager Gen6; HP Sure Start Gen6; HP Sure Run Gen3; HP Sure Recover Gen3; Secured-core PC capable	
Self-Encrypting Drive (SED)	✓	HP Security tools	HP Driver Packs; HP System Software Manager (SSM); HP BIOS Config Utility (BCU); HP Client Catalog; HP Manageability Integration Kit Gen4
Optical drive type *	✗	HP Management tools	HP Connection Optimizer; HP Image Assistant; HP Hotkey Support; HP Noise Cancellation Software; HP Support Assistant; Buy Office (Sold separately); HP JumpStarts; HP WorkWell
Card reader integrated	✗	HP Software provided	
Graphics		HP segment	Business
Discrete graphics card model *	Not available	Battery	
On-board graphics card *	✓	Battery technology	Lithium-Ion (Li-Ion)
On-board GPU manufacturer	Intel	Number of battery cells	3
Discrete graphics card *	✓	Battery capacity *	53 Wh
On-board graphics card model *	Intel® UHD Graphics	Battery weight	204 g
Audio		Power	
Audio system	Bang & Olufsen	AC adapter power	65 W
Number of built-in speakers	2	Security	
Built-in microphone	✓	Fingerprint reader	✓
Number of microphones	3	Trusted Platform Module (TPM)	✓
Camera		Certificates	
Front camera	✓	Low halogen	✓
Front camera HD type	HD	Sustainability	
Infrared (IR) camera	✓	Sustainability certificates	ENERGY STAR, TCO
Network		Weight & dimensions	
Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)	Width	323.6 mm
Wi-Fi standards	Wi-Fi 6 (802.11ax)		
Mobile network connection *	✗		
Antenna type	2x2		
WLAN controller model	Intel Wi-Fi 6 AX201		

Weight & dimensions

Depth	214.7 mm
Height	19.1 mm
Weight *	1.46 kg

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