



HP EliteBook 840 G6 Laptop 35.6 cm (14") Touchscreen Full HD Intel® Core™ i5 i5-8265U 8 GB DDR4-SDRAM 256 GB SSD Wi-Fi 6 (802.11ax) Windows 10 Pro Silver



Windows 10

Brand : HP

Product family: EliteBook

Product code: 7KN34EA

Product name : 840 G6

HP EliteBook 840 G6. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i5, Processor model: i5-8265U, Processor frequency: 1.6 GHz. Display diagonal: 35.6 cm (14"), HD type: Full HD, Display resolution: 1920 x 1080 pixels, Touchscreen. Internal memory: 8 GB, Internal memory type: DDR4-SDRAM. Total storage capacity: 256 GB, Storage media: SSD. Operating system installed: Windows 10 Pro. Product colour: Silver

Design		Network	
Product type *	Laptop	Bluetooth	✓
Product colour *	Silver	Bluetooth version	5.0
Form factor *	Clamshell	Ports & interfaces	
Market positioning	Business	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Intel® vPro™ Platform Eligibility	✗	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 3 ports quantity	1
Display resolution *	1920 x 1080 pixels	Combo headphone/mic port	✓
Touchscreen *	✓	Docking connector	✓
HD type	Full HD	USB Sleep-and-Charge	✓
Panel type	IPS	USB Sleep-and-Charge ports	1
LED backlight	✓	Performance	
Native aspect ratio	16:9	Ambient light sensor	✓
Anti-glare screen	✓	Keyboard	
Display bezel technology	Micro-Edge	Pointing device	Clickpad
Display brightness	1000 cd/m ²	Numeric keypad *	✗
Display diagonal (metric)	35.6 cm	Keyboard backlit	✓
Dual-screen	✗	Spill-resistant keyboard	✓
RGB colour space	NTSC	Windows keys	✓
Colour gamut	72%	Software	
Processor		Operating system architecture	64-bit
Processor manufacturer *	Intel	Operating system installed *	Windows 10 Pro
Processor generation	8th gen Intel® Core™ i5	Processor special features	
Processor family *	Intel® Core™ i5	Intel® My WiFi Technology (Intel® MWT)	✓
Processor model *	i5-8265U	Intel® Smart Response Technology	✓
Processor frequency *	1.6 GHz	Intel® Identity Protection Technology (Intel® IPT)	✓
Processor boost frequency	3.9 GHz	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Processor threads	8	Intel® Turbo Boost Technology	2.0
System bus rate	4 GT/s		
Processor cores	4		
Processor cache	6 MB		
Processor cache type	L3		
Processor socket	BGA 1528		

Processor		Processor special features	
Processor lithography	14 nm	Enhanced Intel SpeedStep Technology	✓
Processor operating modes	64-bit	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Processor codename	Whiskey Lake	Intel Clear Video Technology	✓
Bus type	OPI	Intel® Quick Sync Video Technology	✓
Thermal Design Power (TDP)	15 W	Intel Flex Memory Access	✓
Configurable TDP-up frequency	1.8 GHz	Intel® AES New Instructions (Intel® AES-NI)	✓
Configurable TDP-up	25 W	Intel Trusted Execution Technology	✗
Configurable TDP-down	10 W	Intel Enhanced Halt State	✓
Configurable TDP-down frequency	0.8 GHz	Intel VT-x with Extended Page Tables (EPT)	✓
Tjunction	100 °C	Intel® Secure Key	✓
Maximum number of PCI Express lanes	16	Intel TSX-NI	✗
PCI Express slots version	3.0	Intel Stable Image Platform Program (SIPP)	✗
PCI Express configurations	1x4, 2x2	Intel® OS Guard	✓
Memory		Intel Software Guard Extensions (Intel SGX)	✓
Internal memory *	8 GB	Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✓
Internal memory type	DDR4-SDRAM	Intel 64	✓
Memory clock speed	2400 MHz	Execute Disable Bit	✓
Memory form factor	SO-DIMM	Idle States	✓
Memory layout (slots x size)	1 x 8 GB	Thermal Monitoring Technologies	✓
Memory slots	1x SO-DIMM	Processor package size	46x24 mm
Maximum internal memory *	32 GB	Supported instruction sets	AVX 2.0, SSE4.1, SSE4.2
ECC	✗	CPU configuration (max)	1
Storage		Embedded options available	✗
Total storage capacity *	256 GB	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Storage media *	SSD	Intel Identity Protection Technology version	1.00
Total SSDs capacity	256 GB	Intel Smart Response Technology version	1.00
Number of SSDs installed	1	Intel Stable Image Platform Program (SIPP) version	0.00
SSD capacity	256 GB	Intel Secure Key Technology version	1.00
SSD interface	NVMe	Intel TSX-NI version	0.00
NVMe	✓	Intel Virtualization Technology (VT-x)	✓
SSD form factor	M.2	Processor ARK ID	149088
Intel® Optane™ Memory module installed	✓	Brand-specific features	
Intel® Optane™ Memory module capacity	32 GB	HP Sure View	✓
Optical drive type *	✗	HP speaker type	HP Dual Speakers
Card reader integrated	✗	HP Smart AC Adapter	✓
Graphics		HP front camera	HP Webcam HD IR
Discrete graphics card model *	Not available	HP segment	Business
On-board graphics card *	✓	Battery	
Discrete graphics card *	✗	Battery technology	Lithium-Ion (Li-Ion)
On-board graphics card family	Intel® UHD Graphics	Number of battery cells	3
On-board graphics card model *	Intel® UHD Graphics	Battery capacity *	50 Wh
On-board graphics card base frequency	300 MHz	Battery weight	190 g
On-board graphics card dynamic frequency (max)	1100 MHz	Power	
Maximum on-board graphics card memory	32 GB	AC adapter power	65 W
On-board graphics card DirectX version	12.0	Security	
On-board graphics card OpenGL version	4.5	Cable lock slot	✓
On-board graphics card ID	0x3EA0	Password protection	✓
Audio			
Audio system	Bang & Olufsen		
Number of built-in speakers	2		
Built-in microphone	✓		
Number of microphones	3		

Camera		Sustainability	
Front camera	✓	Sustainability certificates	ENERGY STAR
Front camera HD type	HD	Weight & dimensions	
Infrared (IR) camera	✓	Width	326 mm
Network		Depth	234.3 mm
Wi-Fi	✓	Height	17.9 mm
Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)	Weight *	1.48 kg
Wi-Fi standards	Wi-Fi 6 (802.11ax)	Logistics data	
Antenna type	2x2	Harmonized System (HS) code	84713000
WLAN controller model	Intel Wi-Fi 6 AX200	Other features	
WLAN controller manufacturer	Intel	AC adapter included	✓
Ethernet LAN	✓	3D	✗
Ethernet LAN data rates	10,100,1000 Mbit/s		



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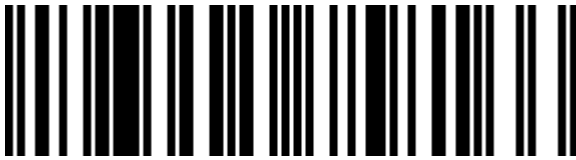
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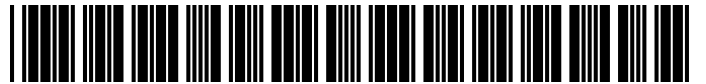
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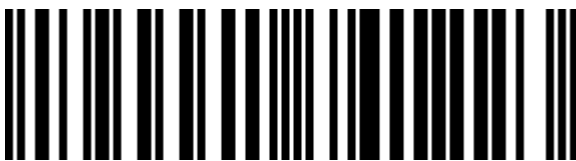
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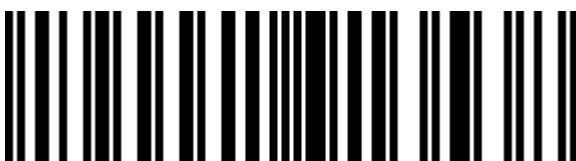
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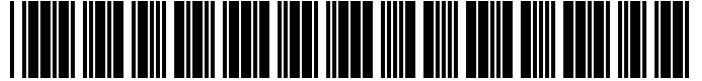
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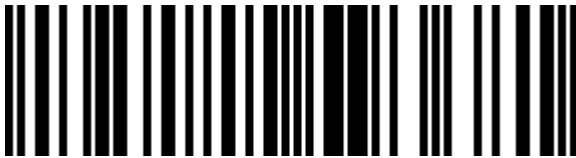
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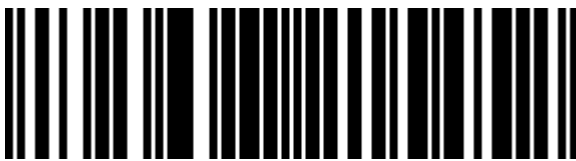
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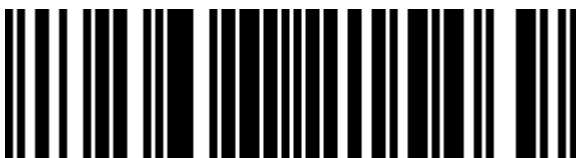
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