HP EliteBook 840 G5 Intel® Core™ i5 i5-8350U Laptop 14" Full HD 8 GB DDR4-SDRAM 256 GB SSD Silver

Brand : HP   **Product family:** EliteBook   **Article code:** 5NE87US

Product name : 840 G5

- Intel Core i5-8350U (6MB Cache, 1.7GHz)
- 35.6 cm (14") Full HD 1920 x 1080 UWVA
- 8GB (2400MHz) DDR4-SDRAM & 256GB SSD

Intel Core i5-8350U (6MB Cache, 1.7GHz), 8GB DDR4-SDRAM, 256GB SSD, 35.6 cm (14") Full HD 1920 x 1080 UWVA, Intel UHD Graphics 620, LAN, WLAN, Webcam

HP EliteBook 840 G5 Intel® Core™ i5 i5-8350U Laptop 14" Full HD 8 GB DDR4-SDRAM 256 GB SSD Silver:

A distinctively designed notebook that lets you work anywhere
Beautifully crafted with the modern professional in mind, the highly secure and manageable HP EliteBook 840 offers powerful collaboration tools, so you can be as productive as ever, on the go or at the office.
HP EliteBook 840 G5. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i5, Processor model: i5-8350U, Processor frequency: 1.7 GHz. Display diagonal: 14", HD type: Full HD, Display resolution: 1920 x 1080 pixels. Internal memory: 8 GB, Internal memory type: DDR4-SDRAM. Total storage capacity: 256 GB, Storage media: SSD. On-board graphics card model: Intel® UHD Graphics 620. Product color: Silver

Design

Product type *	Laptop
Product color *	Silver
Form factor *	Clamshell
Country of origin	China

Display

Display diagonal *	14"
Display resolution *	1920 x 1080 pixels
HD type	Full HD
Panel type	UWVA
Display technology marketing name	UWVA
LED backlight	✔
Native aspect ratio	16:9
Dual-screen	✘

Processor

Processor manufacturer *	Intel
Processor family *	Intel® Core™ i5
Processor generation	8th gen Intel® Core™ i5
Processor model *	i5-8350U
Processor cores	4
Processor threads	8
Processor boost frequency	3.6 GHz
Processor frequency *	1.7 GHz
System bus rate	4 GT/s
Processor cache	6 MB
Processor cache type	Smart Cache
Processor socket	BGA 1356
Processor lithography	14 nm
Processor operating modes	64-bit
Processor codename	Kaby Lake R
Bus type	OPI
Stepping	Y0
Thermal Design Power (TDP)	15 W

Ports & interfaces

USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Ethernet LAN (RJ-45) ports	1
HDMI ports quantity *	1
HDMI version	1.4b
Thunderbolt 3 ports quantity	1
Combo headphone/mic port	✔
Docking connector	✔

Keyboard

Pointing device	Clickpad
Numeric keypad *	✘
Spill-resistant keyboard	✔

Processor special features

Intel® My WiFi Technology (Intel® MWT)	✔
Intel® Smart Response Technology	✔
Intel® Identity Protection Technology (Intel® IPT)	✔
Intel® Hyper Threading Technology (Intel® HT Technology)	✔
Intel® Turbo Boost Technology	2.0
Enhanced Intel SpeedStep Technology	✔
Intel® Clear Video HD Technology (Intel® CVT HD)	✔
Intel Clear Video Technology	✔
Intel® InTru™ 3D Technology	✔
Intel® Quick Sync Video Technology	✔
Intel Flex Memory Access	✔
Intel® AES New Instructions (Intel® AES-NI)	✔
Intel Trusted Execution Technology	✔

Processor

Configurable TDP-up frequency	1.9 GHz
Configurable TDP-up	25 W
Configurable TDP-down	10 W
Configurable TDP-down frequency	0.8 GHz
Tjunction	100 °C
Maximum number of PCI Express lanes	12
PCI Express slots version	3.0
PCI Express configurations	1x2+2x1, 1x4, 2x2, 4x1
ECC supported by processor	✘

Memory

Internal memory *	8 GB
Internal memory type	DDR4-SDRAM
Memory clock speed	2400 MHz
Memory form factor	SO-DIMM
Memory slots	2x SO-DIMM
Maximum internal memory *	32 GB

Storage

Total storage capacity *	256 GB
Storage media *	SSD
Total SSDs capacity	256 GB
Number of SSDs installed	1
SSD capacity	256 GB
Optical drive type *	✘
Card reader integrated	✘

Graphics

On-board graphics card *	✔
On-board graphics card model *	Intel® UHD Graphics 620
On-board graphics card base frequency	300 MHz
On-board graphics card dynamic frequency (max)	1100 MHz
Maximum on-board graphics card memory	32 GB
On-board graphics card DirectX version	12.0
On-board graphics card OpenGL version	4.4
On-board graphics card ID	0x5917

Audio

Audio system	Bang & Olufsen
Number of built-in speakers	2
Built-in microphone	✔

Camera

Front camera	✔

Network

Wi-Fi	✔
Ethernet LAN	✔
Ethernet LAN data rates	10,100,1000 Mbit/s

Processor special features

Intel Enhanced Halt State	✔
Intel VT-x with Extended Page Tables (EPT)	✔
Intel® Secure Key	✔
Intel TSX-NI	✔
Intel Stable Image Platform Program (SIPP)	✔
Intel® OS Guard	✔
Intel Software Guard Extensions (Intel SGX)	✔
Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✔
Intel 64	✔
Execute Disable Bit	✔
Idle States	✔
Thermal Monitoring Technologies	✔
Processor package size	42 x 24 mm
Supported instruction sets	AVX 2.0, SSE4.1, SSE4.2
Processor code	SR3L9
CPU configuration (max)	1
Embedded options available	✘
Intel Virtualization Technology for Directed I/O (VT-d)	✔
Intel Identity Protection Technology version	1.00
Intel Smart Response Technology version	1.00
Intel Stable Image Platform Program (SIPP) version	1.00
Intel Secure Key Technology version	1.00
Intel TSX-NI version	1.00
Intel Virtualization Technology (VT-x)	✔
Processor ARK ID	124969
Conflict-Free processor	✔

Brand-specific features

HP speaker type	HP Dual Speakers
HP segment	Business

Battery

Battery technology	Lithium-Ion (Li-Ion)
Number of battery cells	3

Weight & dimensions

Width	12.8" (326 mm)
Depth	9.21" (234 mm)
Height	0.705" (17.9 mm)

Packaging content

AC adapter included *	✔