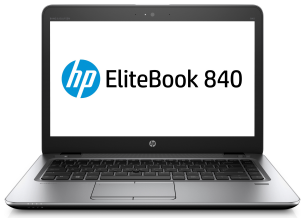
HP EliteBook 840 G3 i5-6200U Notebook 35.6 cm (14") HD Intel® Core™ i5 8 GB DDR4-SDRAM 256 GB SSD Windows 10 Pro Silver



Brand : HP **Product family:** EliteBook **Product code:** 1EM27ES

Product name : 840 G3

- Windows 10 Pro 64-bit
- Intel Core i5-6200U (3MB Cache, 2.3GHz)
- 35.6 cm (14") HD 1366 x 768
- 8GB (2133MHz) DDR4-SDRAM & 256GB SSD

Intel Core i5-6200U (3MB Cache, 2.3GHz), 8GB DDR4-SDRAM, 256GB SSD, 35.6 cm (14") HD 1366 x 768, Intel HD Graphics 520, LAN, WLAN, Bluetooth, Webcam, Windows 10 Pro 64-bit

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Thin, light, and ready to work

Impressively thin and light, the HP EliteBook 840 empowers users to create, connect, and collaborate, using enterprise-class performance technology that helps keep you productive in and out of the office. Impressively thin and light, the HP EliteBook 840 empowers users to create, connect, and collaborate using enterprise-class performance technology.

Li Windows 10 HD

Design	
Product type *	Notebook
Product colour *	Silver
Form factor *	Clamshell
Country of origin	China

Display	
Display diagonal *	35.6 cm (14")
Display resolution *	1366 x 768 pixels
Touch screen *	✗
HD type	HD
LED backlight	✓
Native aspect ratio	16:9

Processor	
Processor manufacturer *	Intel
Processor generation	6th gen Intel® Core™ i5
Processor *	i5-6200U
Processor frequency *	2.3 GHz
Processor boost frequency	2.8 GHz
Processor family *	Intel® Core™ i5
Processor number of cores	2
Processor threads	4
System bus data transfer rate	4 GT/s
Processor cache	3 MB
Processor cache type	Smart Cache
Processor socket	LGA 1356 (Socket B2)
Processor lithography	14 nm
Processor operating modes	64-bit
Processor series	Intel Core i5-6200 series
Processor codename	Skylake
Bus type	QPI
Stepping	D1
Thermal Design Power (TDP)	15 W

Ports & interfaces	
Charging port type	DC-in jack

Keyboard	
Pointing device	Touchpad + Pointing Stick
Numeric keypad *	✗
Island-style keyboard	✓
Spill-resistant keyboard	✓
Windows keys	✓

Software	
Operating system architecture	64-bit
Operating system installed *	Windows 10 Pro

Processor special features	
Intel Wireless Display (WiDi) Technology	✓
Intel My WiFi Technology	✓
Intel® Smart Response Technology	✓
Intel Identity Protection Technology	✓
Intel Hyper-Threading Technology	✓
Intel Turbo Boost Technology	2.0
Intel® Small Business Advantage (Intel® SBA)	✓
Enhanced Intel SpeedStep Technology	✓
Intel Clear Video HD Technology	✓
Intel Clear Video Technology	✓
Intel® InTru™ 3D Technology	✓
Intel® Insider™	✓
Intel® Quick Sync Video Technology	✓
Intel Flex Memory Access	✓
Intel® Smart Cache	✓
Intel AES New Instructions	✓
Intel Trusted Execution Technology	✗

Processor	
Configurable TDP-up frequency	2.4 GHz
Configurable TDP-up	25 W
Configurable TDP-down	7.5 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	1x4, 4x1
ECC supported by processor	✗

Memory	
Internal memory *	8 GB
Internal memory type	DDR4-SDRAM
Memory clock speed	2133 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
Solid-state drive capacity	256 GB
Optical drive type *	✗
Card reader integrated	✓
Compatible memory cards	SD, SDHC, SDXC

Graphics	
Discrete graphics card model *	Not available
On-board graphics card *	✓
Discrete graphics card *	✗
On-board graphics card family	Intel® HD Graphics
On-board graphics card model *	Intel® HD Graphics 520
On-board graphics card base frequency	300 MHz
On-board graphics card dynamic frequency (max)	1000 MHz
Maximum on-board graphics card memory	1.74 GB
On-board graphics card DirectX version	12.0
On-board graphics card OpenGL version	4.4
On-board graphics card ID	1916

Audio	
Number of built-in speakers	2
Speakers manufacturer	Bang & Olufsen
Built-in microphone	✓

Camera	
Front camera	✓
Front camera signal format	720p

Network	
Wi-Fi	✓
Ethernet LAN connection	✓
Ethernet LAN data rates	10,100,1000 Mbit/s
Bluetooth	✓

Ports & interfaces	
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2

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 MID	✓
Intel 64	✓
Execute Disable Bit	✓
Idle States	✓
Thermal Monitoring Technologies	✓
Processor package size	42 X 24 mm
Supported instruction sets	SSE4.1, SSE4.2, AVX 2.0
Processor code	SR2EY
CPU configuration (max)	1
Embedded options available	✗
Graphics & IMC lithography	14 nm
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	0.00
Intel Secure Key Technology version	1.00
Intel Small Business Advantage (SBA) version	1.00
Intel TSX-NI version	1.00
Intel Virtualization Technology (VT-x)	✓
Processor ARK ID	88193
Conflict-Free processor	✓

Special features	
HP 3D DriveGuard	✓
HP ePrint	✓
HP Recovery Manager	✓
HP Support Assistant	✓
HP Software provided	HP BIOSphere; HP Sure Start with Dynamic Protection; HP Image Assistant; HP SoftPaq Download Manager; HP Noise Reduction Software

Battery	
Battery technology	Lithium-Ion (Li-Ion)
Number of battery cells	3
Battery capacity *	46 Wh

Energy Management	
AC adapter power	45 W

Security	
Cable lock slot	✓
Trusted Platform Module (TPM)	✓
Password protection	✓
Password protection type	Power on

Weight & Dimensions	
Width	338 mm
Depth	237 mm

Ports & interfaces	
USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1
Ethernet LAN (RJ-45) ports quantity	1
DisplayPorts quantity	1
DVI port	✗
VGA (D-Sub) ports quantity	1
S/PDIF out port	✗
Microphone in	✗
Combo headphone/mic port	✓
Docking connector	✓

Weight & Dimensions	
Height	18.9 mm
Weight *	1.54 kg

Other features	
3D compatibility	✗
SIM card support	✓

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