HP EliteBook 850 G8 Intel® Core™ i7 i7-1165G7 Laptop 39.6 cm (15.6") Full HD 16 GB DDR4-SDRAM 512 GB SSD Wi-Fi 6 (802.11ax) Windows 10 Pro Silver

Brand : HP

Product family: EliteBook

Product code: 2Y2R6EA

Product name : 850 G8

- Intel® Core™ i7-1165G7 (up to 4.7 GHz with Intel® Turbo Boost Technology, 12 MB L3 cache, 4 cores)
- Windows 10 Pro
- 39.6 cm (15.6") diagonal FHD display
- Intel® Iris® Xᵉ Graphics
- 16 GB memory; 512 GB SSD storage
EliteBook 850 G8 Notebook PC, 15.6", Windows 10 Pro, Intel® Core™ i7, 16GB RAM, 512GB SSD, FHD

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Work with each other even when you're apart
Teams work from many locations requiring a powerful, secure, and durable laptop that connects easily to keep you productive. Meet the demands of the multi-task, multi-place, enterprise-business workday with the HP EliteBook 850.
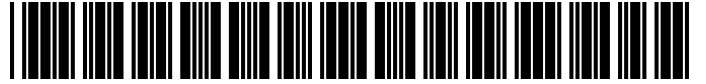
Design

Product type *	Laptop
Product colour *	Silver
Form factor *	Clamshell
Housing material	Aluminium
Market positioning	Business
Intel® vPro™ Platform Eligibility	✗
Country of origin	China

Display

Display diagonal *	39.6 cm (15.6")
Display resolution *	1920 x 1080 pixels
Touchscreen *	✗
HD type	Full HD
Panel type	IPS
LED backlight	✓
Native aspect ratio	16:9
Anti-glare screen	✓
Display brightness	250 cd/m²
Display diagonal (metric)	39.6 cm
RGB colour space	NTSC
Colour gamut	45%

Processor

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Processor manufacturer *	Intel
Processor family *	Intel® Core™ i7
Processor generation	10th gen Intel® Core™ i7
Processor model *	i7-1165G7
Processor cores	4
Processor threads	8
Processor boost frequency	4.7 GHz
Processor frequency *	1.3 GHz
Processor cache	12 MB
Processor cache type	L3
Configurable TDP-up frequency	2.8 GHz
Configurable TDP-up	28 W
Configurable TDP-down	12 W
Configurable TDP-down frequency	1.2 GHz

Network

WLAN controller manufacturer	Intel
Ethernet LAN	✗
Bluetooth	✓
Bluetooth version	5.0
Miracast	✓
MIMO	✓
MIMO type	Multi User MIMO

Ports & interfaces

USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	2
HDMI ports quantity *	1
HDMI version	2.0
Combo headphone/mic port	✓

Performance

Repairability index	8.5

Keyboard

Keyboard special features	Spill-resistant
Pointing device	Clickpad
Numeric keypad *	✓
Keyboard backlit	✓
Spill-resistant keyboard	✓
Input device model	HP Premium Keyboard

Software

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

Processor special features

Intel Trusted Execution Technology	✗
Intel VT-x with Extended Page Tables (EPT)	✓
Intel TSX-NI	✗
Intel Stable Image Platform Program (SIPP)	✗

Memory

Internal memory *	16 GB
Internal memory type	DDR4-SDRAM
Memory clock speed	3200 MHz
Memory form factor	SO-DIMM
Memory layout (slots x size)	1 x 16 GB
Memory slots	1x SO-DIMM
Maximum internal memory *	64 GB
ECC	✘

Storage

Total storage capacity *	512 GB
Storage media *	SSD
Total SSDs capacity	512 GB
Number of SSDs installed	1
SSD capacity	512 GB
SSD interface	NVMe
NVMe	✔
Optical drive type *	✘
Card reader integrated	✘

Graphics

Discrete graphics card model *	Not available
On-board graphics card *	✔
On-board GPU manufacturer	Intel
Discrete graphics card *	✘
On-board graphics card model *	Intel® UHD Graphics

Audio

Audio system	Bang & Olufsen
Number of built-in speakers	2
Built-in microphone	✔
Number of microphones	3

Camera

Front camera	✔
Front camera signal format	720p
Front camera HD type	HD
Infrared (IR) camera	✔

Network

Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)
Wi-Fi standards	Wi-Fi 6 (802.11ax)
Mobile network connection *	✘
Antenna type	2x2
WLAN controller model	Intel Wi-Fi 6 AX201

Processor special features

Intel Software Guard Extensions (Intel SGX)	✘
Intel 64	✔
Execute Disable Bit	✔
Idle States	✔
CPU configuration (max)	1
Embedded options available	✘
Intel Virtualization Technology for Directed I/O (VT-d)	✔
Intel Virtualization Technology (VT-x)	✔

Brand-specific features

HP Sure View	✔
HP speaker type	HP Dual Speakers
HP Smart AC Adapter	✔
HP front camera	HP Webcam HD IR
HP Management tools	HP Driver Packs; HP System Software Manager (SSM); HP BIOS Config Utility (BCU); HP Client Catalog; HP Manageability Integration Kit Gen4
HP Software provided	HP Connection Optimizer; HP Image Assistant; HP Hotkey Support; HP Noise Cancellation Software; HP PC Hardware Diagnostics UEFI; HP Support Assistant; Buy Office (Sold separately); HP Power Manager; HP WorkWell; myHP; HP Privacy Settings; HSA Fusion for Commercial; HSA Telemetry for Commercial; Touchpoint Customizer for Commercial; HP Notifications; HP QuickDrop; Tile App; HP Wireless Button Driver
HP segment	Business

Battery

Battery technology	Lithium-Ion (Li-Ion)
Number of battery cells	3
Battery capacity *	56 Wh
Fast charging	✔
Fast charging time (50%)	30 min
Battery weight	204 g

Power

AC adapter power	65 W

Security

Fingerprint reader	✔

Certificates

Low halogen	✔

Sustainability

Sustainability certificates	ENERGY STAR, TCO
Sustainable technologies and materials	Ocean-bound plastic in speaker enclosure; 35% post-consumer recycled plastic; Low Halogen; Bulk packaging available

Weight & dimensions

Width	356 mm
Depth	233.7 mm
Height	19.2 mm
Weight *	1.75 kg

Logistics data

Harmonized System (HS) code	84713000

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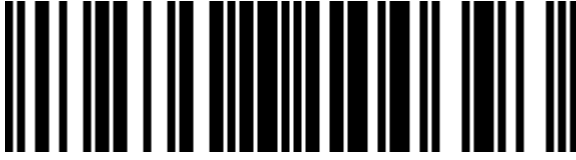
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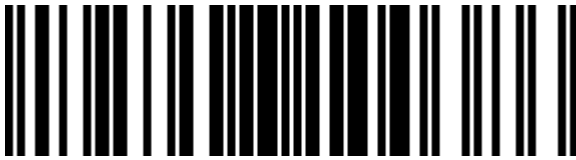
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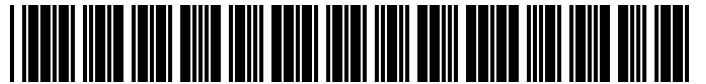
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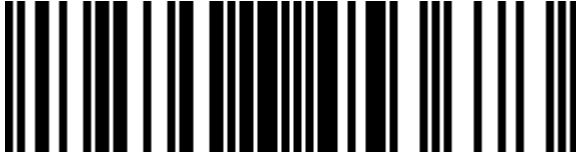
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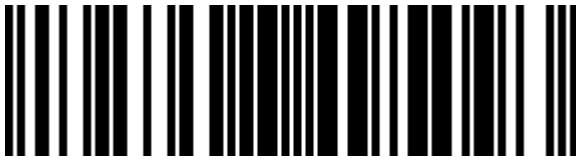
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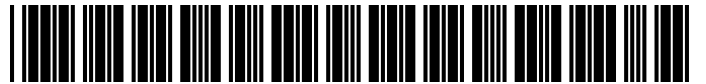
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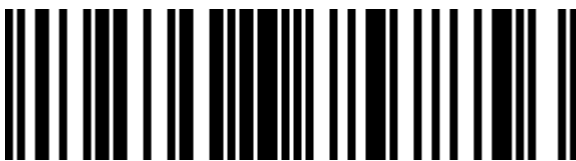
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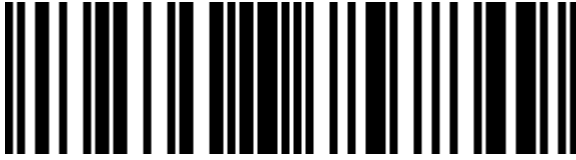
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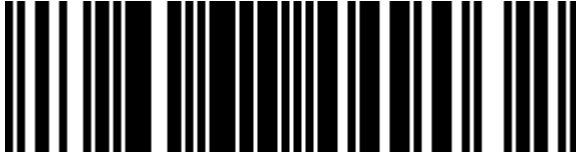
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