HP

HP EliteBook 850 G8 i7-1165G7 Notebook 39.6 cm (15.6") Full HD Intel® Core™ i7 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

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

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.
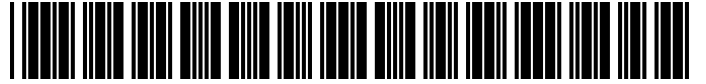
Li   Audio by BANG & OLUFSEN   Windows 10

Design	
Product type *	Notebook
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%

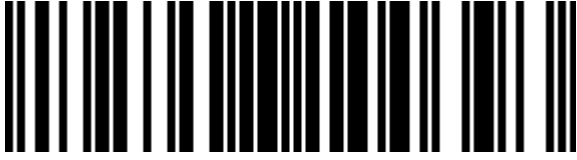| Processor	
Processor manufacturer *	Intel
Processor generation	10th gen Intel® Core™ i7
Processor model *	i7-1165G7
Processor family *	Intel® Core™ i7
Processor frequency *	1.3 GHz
Processor boost frequency	4.7 GHz
Processor cores	4
Processor threads	8
Processor cache	12 MB
Processor cache type	L3
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	✔

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)	✘
Intel Software Guard Extensions (Intel SGX)	✘
Intel 64	✔

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 *	✔
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

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

Technical details

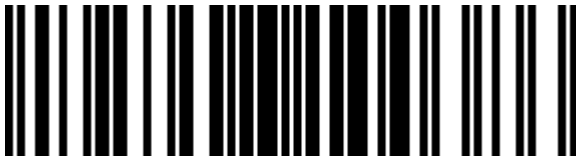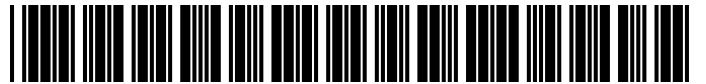|	
Repairability index	8.5

0195697627712

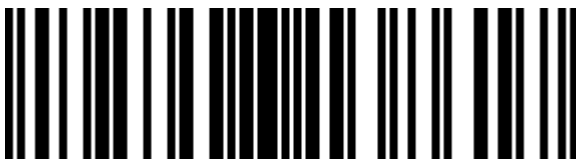195697627712

0195908100393

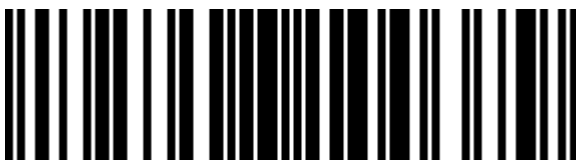195908100393

0195908100386

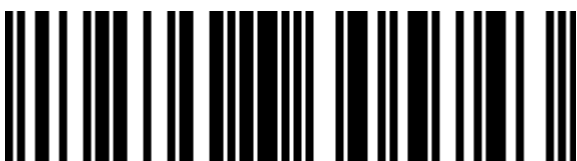195908100386

0195908138617

195908138617

0195908100379

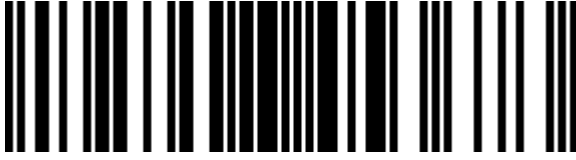195908100379

0195908305743

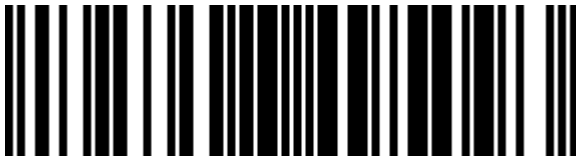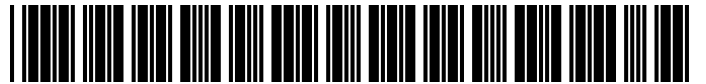195908305743

0195908370024

195908370024

0195908453673

195908453673

0195908495093

195908495093

0195908651970

195908651970
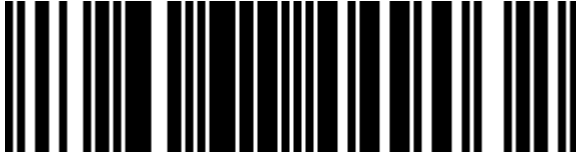
0195908757856

195908757856

0195908757832

195908757832

0195908757849

195908757849

0196068449032

196068449032