HP

HP EliteBook 640 14 G9 i5-1235U Notebook 35.6 cm (14") Full HD Intel® Core™ i5 16 GB DDR4-SDRAM 512 GB SSD Wi-Fi 6E (802.11ax) Windows 11 Pro Silver

Brand : HP

Product family: EliteBook

Product code: 81M83AA

Product name : EliteBook 640 14 G9 i5-1235U Notebook 35.6 cm (14") Full HD Intel® Core™ i5 16 GB DDR4-SDRAM 512 GB SSD Wi-Fi 6E (802.11ax) Windows 11 Pro Silver

- Intel® Core™ i5-1235U (up to 4.4 GHz with Intel® Turbo Boost Technology, 12 MB L3 cache, 10 cores, 12 threads)
- Windows 11 Pro
- 35.6 cm (14") diagonal FHD display
- Intel® Iris® Xᵉ Graphics
- 16 GB memory; 512 GB SSD storage
EliteBook 640 14 inch G9 Notebook PC Wolf Pro Security Edition, 14", Windows 11 Pro, Intel® Core™ i5, 16GB RAM, 512GB SSD, FHD
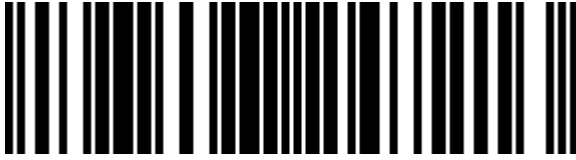
HP EliteBook 640 14 G9 i5-1235U Notebook 35.6 cm (14") Full HD Intel® Core™ i5 16 GB DDR4-SDRAM 512 GB SSD Wi-Fi 6E (802.11ax) Windows 11 Pro Silver:

Upgrade to elite performance
The HP EliteBook 640 is a cost-effective, powerful, and secure PC that allows easy standardization, while giving end-users the tools needed work from almost anywhere. Designed around the fundamental needs of enterprise businesses, this PC features the collaboration, power, and security your business needs to stay on top.

Design

Product type *	Laptop
Product colour *	Silver
Form factor *	Clamshell
Market positioning	Premium
Original brand name	HP

Display

Display diagonal *	35.6 cm (14")
Display resolution *	1920 x 1080 pixels
Touchscreen *	✘
HD type	Full HD
Panel type	IPS
Native aspect ratio	16:9
Anti-glare screen	✔
Display bezel technology	Micro-Edge
Display brightness	250 cd/m²
Display diagonal (metric)	35.6 cm
RGB colour space	NTSC
Colour gamut	45%

Processor

Processor manufacturer *	Intel
Processor generation	12th gen Intel® Core™ i5
Processor family *	Intel® Core™ i5
Processor model *	i5-1235U
Processor frequency *	1.3 GHz
Processor boost frequency	4.4 GHz
Processor threads	12
Processor cores	10
Processor cache	12 MB
Processor cache type	L3

Network

Ethernet LAN	✔
Ethernet LAN data rates	10,100,1000 Mbit/s
Bluetooth	✔
Bluetooth version	5.2

Ports & interfaces

USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3
Ethernet LAN (RJ-45) ports	1
HDMI ports quantity *	1
HDMI version	2.1
Thunderbolt 4 ports quantity	1
Combo headphone/mic port	✔
Charging port type	DC-in jack
USB Type-C DisplayPort Alternate Mode	✔
USB Power Delivery	✔

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 installed *	Windows 11 Pro

Processor special features

Intel Flex Memory Access	✔
Intel Trusted Execution Technology	✔

Processor

Configurable TDP-down	12 W

Memory

Internal memory *	16 GB
Internal memory type	DDR4-SDRAM
Memory clock speed	3200 MHz
Memory layout (slots x size)	2 x 8 GB
Memory slots	2x SO-DIMM
Maximum internal memory *	64 GB
Number of free internal memory expansion slots	2
Non-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	PCI Express
NVMe	✓
SSD form factor	M.2
Optical drive type *	✗

Graphics

Discrete graphics card model *	Not available
On-board graphics card *	✓
Discrete graphics card *	✗
On-board graphics card family	Intel Iris Xe Graphics
On-board graphics card model *	Intel Iris Xe Graphics

Audio

Built-in speaker(s)	✓
Number of built-in speakers	2
Built-in microphone	✓
Number of microphones	2

Camera

Front camera	✓
Front camera HD type	HD
Infrared (IR) camera	✓
Privacy camera	✓

Network

Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Wi-Fi standards	Wi-Fi 6 (802.11ax)
Mobile network connection *	✗
Antenna type	2x2
WLAN controller model	Intel Wi-Fi 6E AX211
WLAN controller manufacturer	Intel

Processor special features

Intel VT-x with Extended Page Tables (EPT)	✓
Execute Disable Bit	✓
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 Connection Optimizer	✓
HP Support Assistant	✓
HP Smart AC Adapter	✓
HP segment	Business

Battery

Battery technology	Lithium-Ion (Li-Ion)
Number of battery cells	3
Battery capacity *	51 Wh
Battery weight	180 g

Power

AC adapter power	65 W
AC adapter frequency	50 - 60 Hz
AC adapter input voltage	100 - 240 V

Security

Cable lock slot	✓
Fingerprint reader	✓
Trusted Platform Module (TPM)	✓
Trusted Platform Module (TPM) version	2.0
Password protection	✓
Password protection type	BIOS, Power on, User

Sustainability

Sustainability compliance	✓
Sustainability certificates	ENERGY STAR, CCC, GS mark

Weight & dimensions

Width	321.9 mm
Depth	213.9 mm
Height	19.9 mm
Weight *	1.37 kg

Packaging data

Package width	69 mm
Package depth	449 mm
Package height	305 mm

Other features

Number of speakers	2

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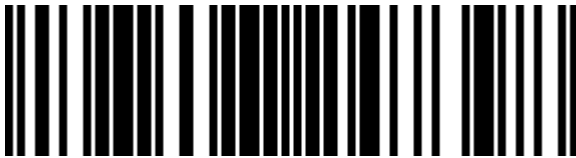
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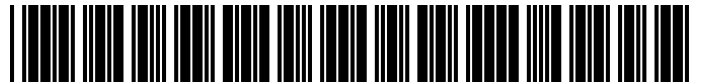
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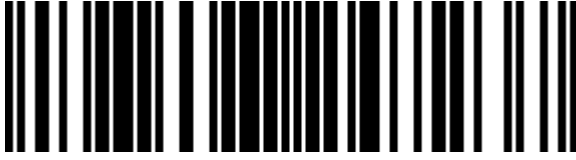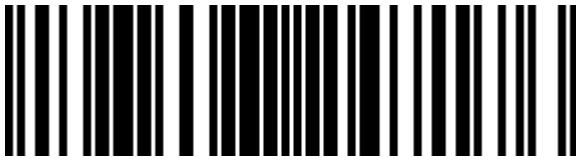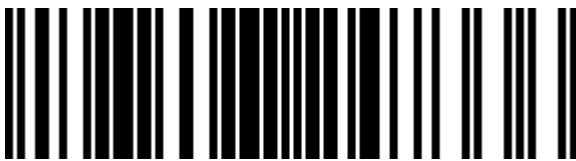
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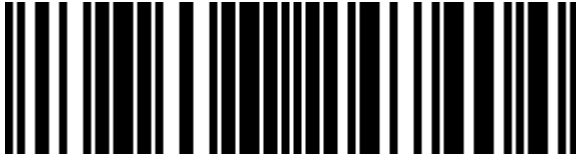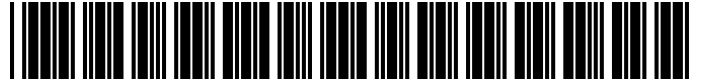
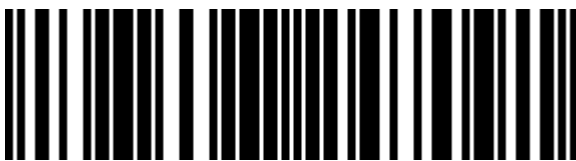|	
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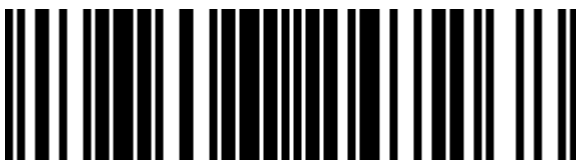
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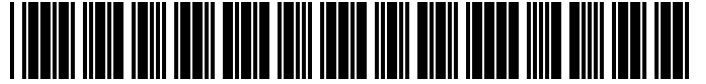
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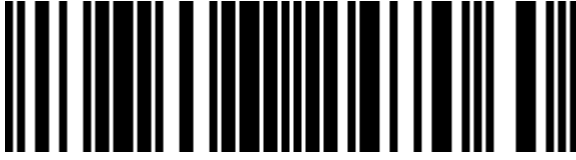
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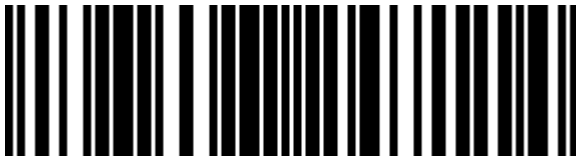
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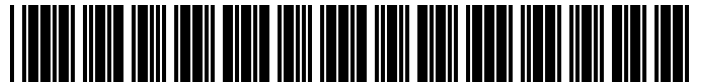
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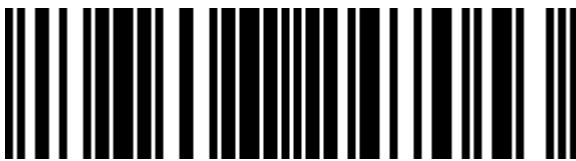
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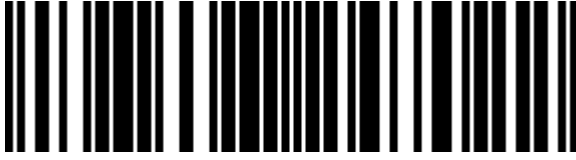
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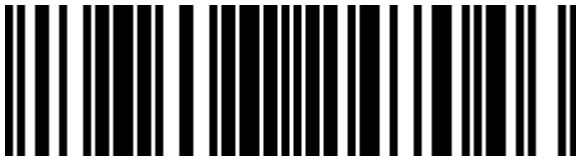
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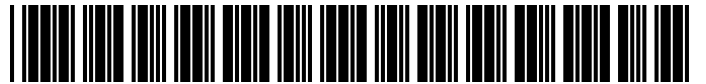
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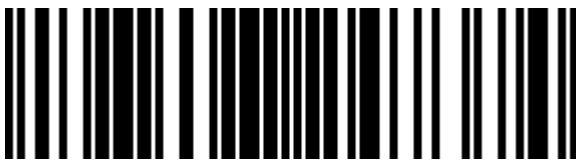
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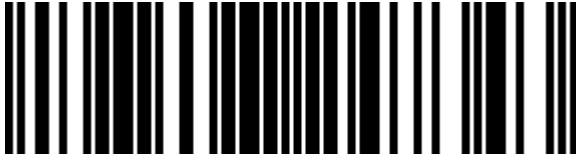
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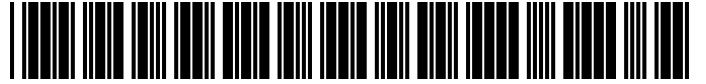
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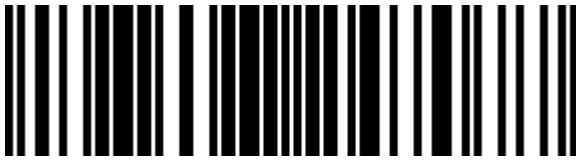
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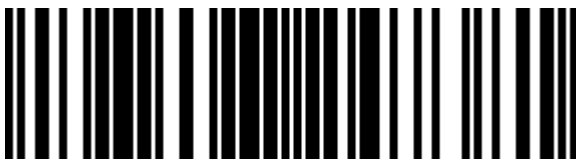
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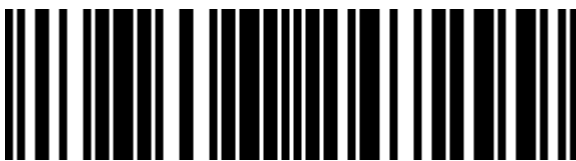
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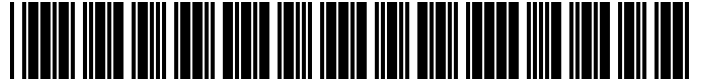
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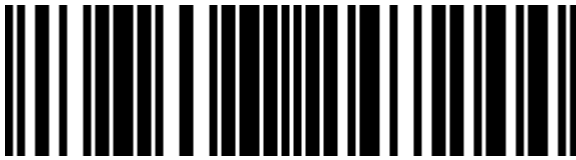
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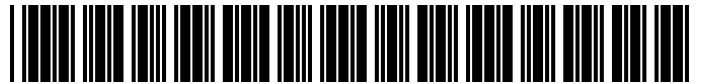
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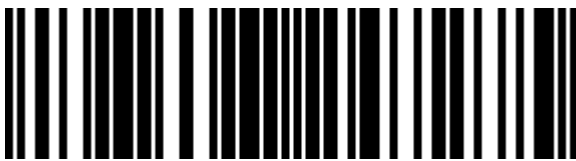
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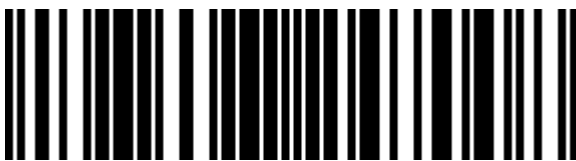
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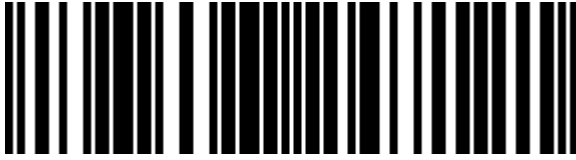
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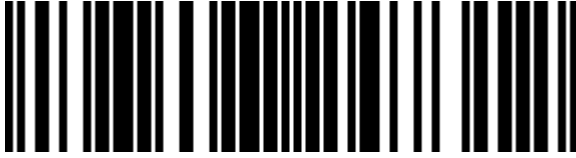
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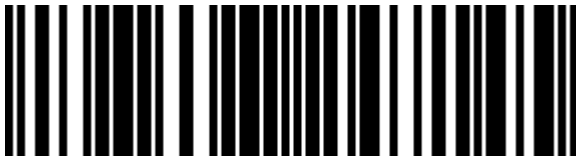
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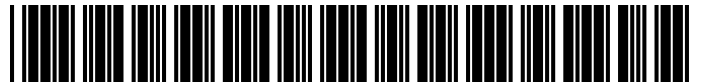
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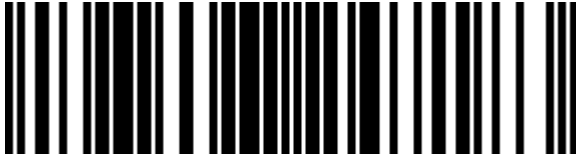
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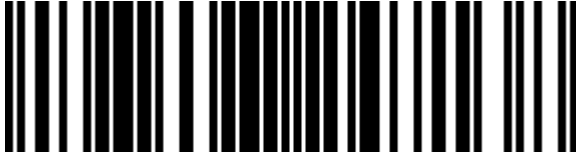
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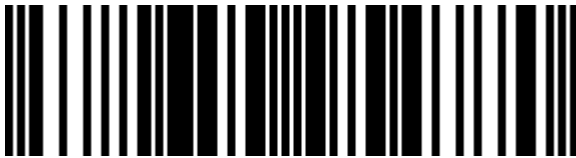
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