



# 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® X<sup>e</sup> 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		Network	
Product type *	Laptop	Bluetooth version	5.2
Product colour *	Silver	<b>Ports &amp; interfaces</b>	
Form factor *	Clamshell	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3
Market positioning	Premium	Ethernet LAN (RJ-45) ports	1
Original brand name	HP	HDMI ports quantity *	1
<b>Display</b>		HDMI version	2.1
Display diagonal *	35.6 cm (14")	Thunderbolt 4 ports quantity	1
Display resolution *	1920 x 1080 pixels	Combo headphone/mic port	✓
Touchscreen *	✗	Charging port type	DC-in jack
HD type	Full HD	USB Type-C DisplayPort Alternate Mode	✓
Panel type	IPS	USB Power Delivery	✓
Native aspect ratio	16:9	<b>Keyboard</b>	
Anti-glare screen	✓	Keyboard special features	Spill-resistant
Display bezel technology	Micro-Edge	Pointing device	Clickpad
Display brightness	250 cd/m <sup>2</sup>	Numeric keypad *	✗
Display diagonal (metric)	35.6 cm	Keyboard backlit	✓
RGB colour space	NTSC	Spill-resistant keyboard	✓
Colour gamut	45%	Input device model	HP Premium Keyboard
<b>Processor</b>		<b>Software</b>	
Processor manufacturer *	Intel	Pre-installed software	HP Connection Optimizer; HP Hotkey Support; HP MAC Address Manager; HP Support Assistant; HP Power Manager; myHP; HP Privacy Settings; Touchpoint Customizer for Commercial; HP Notifications; HP Quick Touch
Processor family *	Intel® Core™ i5	Operating system installed *	Windows 11 Pro
Processor generation	12th gen Intel® Core™ i5		
Processor model *	i5-1235U		
Processor cores	10		
Processor threads	12		
Processor boost frequency	4.4 GHz		
Processor frequency *	1.3 GHz		
Processor cache	12 MB		
Processor cache type	L3		

Processor		Processor special features	
Configurable TDP-down	12 W	Intel Flex Memory Access	✓
Memory		Intel Trusted Execution Technology	✓
Internal memory *	16 GB	Intel VT-x with Extended Page Tables (EPT)	✓
Internal memory type	DDR4-SDRAM	Execute Disable Bit	✓
Memory clock speed	3200 MHz	CPU configuration (max)	1
Memory layout (slots x size)	2 x 8 GB	Embedded options available	✗
Memory slots	2x SO-DIMM	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Maximum internal memory *	64 GB	Intel Virtualization Technology (VT-x)	✓
Number of free internal memory expansion slots	2	Brand-specific features	
ECC	✗	HP Connection Optimizer	✓
Non-ECC	✓	HP Support Assistant	✓
Storage		HP Smart AC Adapter	✓
Total storage capacity *	512 GB	<p>Absolute persistence module; HP DriveLock and Automatic DriveLock; HP Secure Erase; HP Sure Click; HP Sure Sense; BIOS Update via Network; HP Sure Admin; HP BIOSphere Gen6; HP Client Security Manager Gen7; TPM 2.0 embedded security chip (Common Criteria EAL4+ and FIPS 140-2 Level 2 Certified); HP Sure Start Gen7; HP Wake on WLAN; HP Tamper Lock; HP Sure Run Gen5; HP Sure Recover Gen5; Secured-Core PC Enable</p> <p>HP Client Management Script Library (download); HP Driver Packs (download); HP Client Catalog (download); HP Manageability Integration Kit Gen4 (download); HP Image Assistant Gen5 (download); HP Patch Assistant (download); HP Cloud Recovery; HP Connect for Microsoft Endpoint Manager</p>	
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			HP Security tools
Discrete graphics card model *	Not available	HP Management tools	
On-board graphics card *	✓		
On-board GPU manufacturer	Intel		
Discrete graphics card *	✗		
On-board graphics card family	Intel Iris Xe Graphics	HP segment	
On-board graphics card model *	Intel Iris Xe Graphics		
Audio		HP GTIN (EAN/UPC)	197497247367
Built-in speaker(s)	✓	Battery	
Number of built-in speakers	2	Battery technology	Lithium-Ion (Li-Ion)
Built-in microphone	✓	Number of battery cells	3
Number of microphones	2	Battery capacity *	51 Wh
Camera		Battery weight	180 g
Front camera	✓	Power	
Front camera HD type	HD	AC adapter power	65 W
Infrared (IR) camera	✓	AC adapter frequency	50 - 60 Hz
Network		AC adapter input voltage	100 - 240 V
Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)	Security	
Wi-Fi standards	Wi-Fi 6 (802.11ax)	Cable lock slot	✓
Antenna type	2x2	Fingerprint reader	✓
WLAN controller model	Intel Wi-Fi 6E AX211	Trusted Platform Module (TPM)	✓
WLAN controller manufacturer	Intel	Trusted Platform Module (TPM) version	2.0
Ethernet LAN	✓	Password protection	✓
Ethernet LAN data rates	10,100,1000 Mbit/s	Password protection type	BIOS, Power on, User
Bluetooth	✓	Sustainability	
		Sustainability compliance	✓
		Sustainability certificates	CCC, ENERGY STAR, 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

**Packaging content**

Stylus pen	✘
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**Other features**

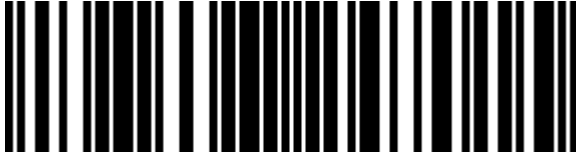
Number of speakers	2
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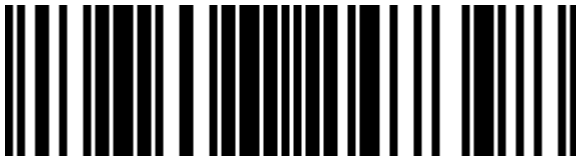
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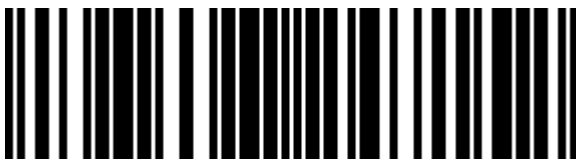
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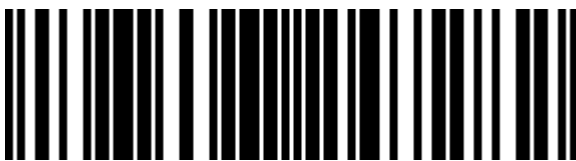
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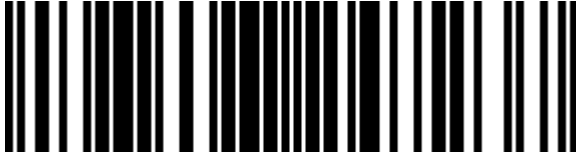
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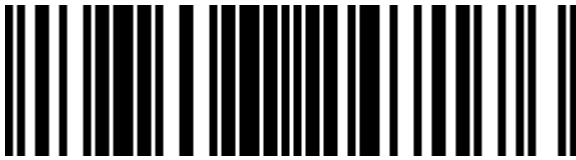
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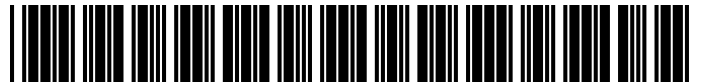
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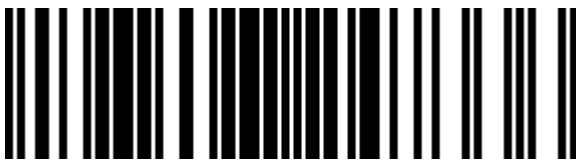
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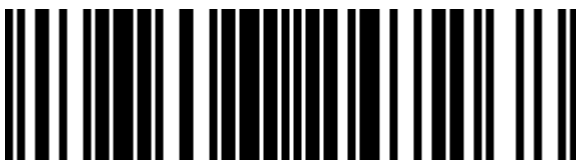
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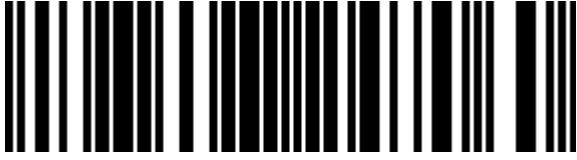
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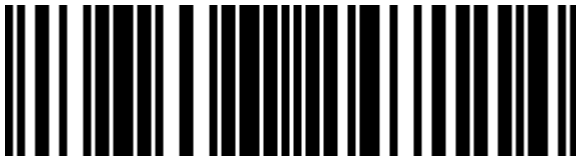
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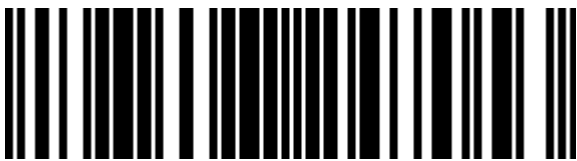
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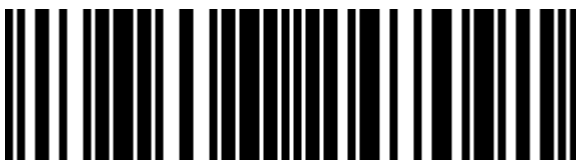
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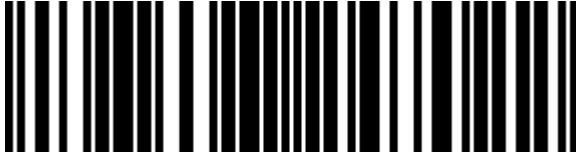
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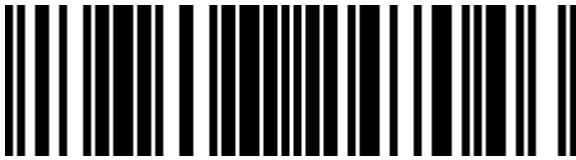
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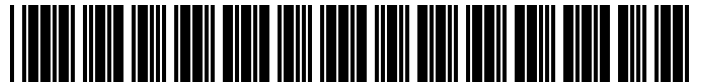
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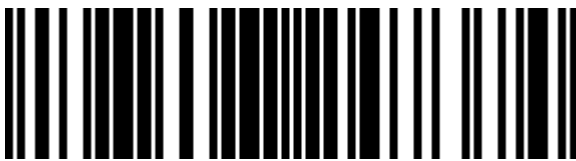
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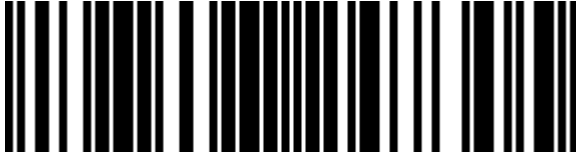
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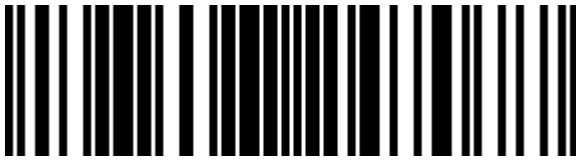
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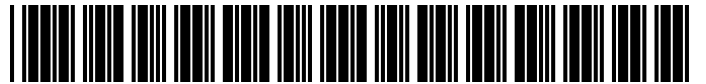
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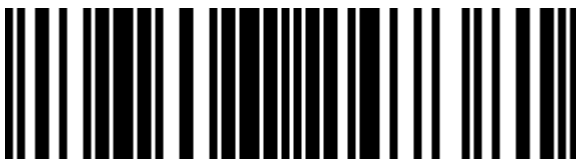
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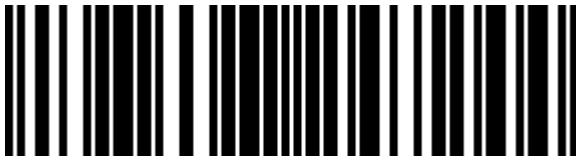
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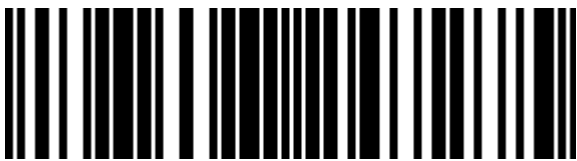
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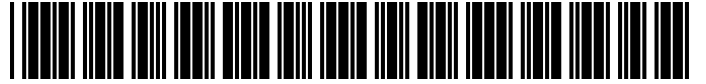
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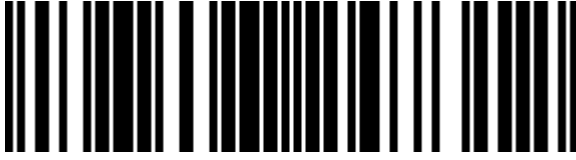
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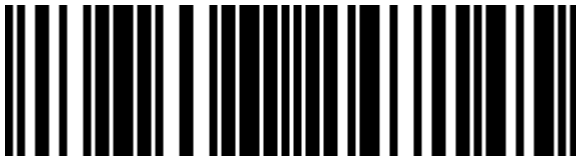
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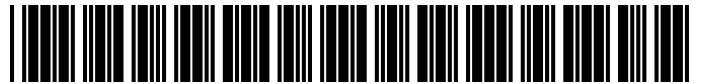
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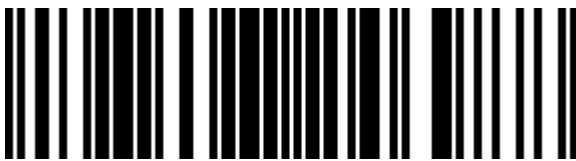
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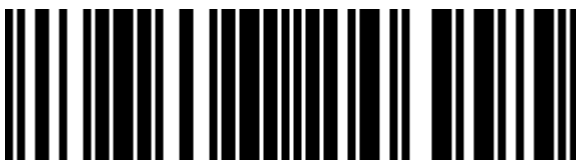
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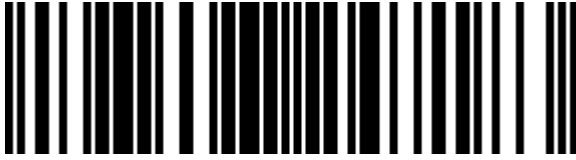
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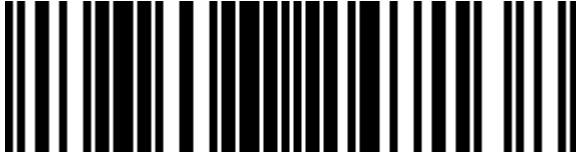
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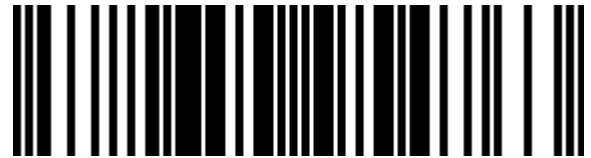
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