HP

HP EliteBook 645 14 G10 AMD Ryzen™ 5 7530U Laptop 35.6 cm (14") Full HD 16 GB DDR4-SDRAM 512 GB SSD Wi-Fi 6E (802.11ax) Windows 11 Pro Silver

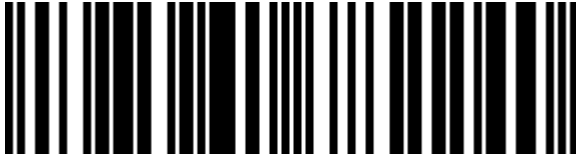**Brand :** HP   **Product family:** EliteBook   **Product code:** 9G290ET#ABH

Product name : 645 14 G10

HP EliteBook 645 14 G10. Product type: Laptop, Form factor: Clamshell. Processor family: AMD Ryzen™ 5, Processor model: 7530U, Processor frequency: 2 GHz. Display diagonal: 35.6 cm (14"), HD type: Full HD, Display resolution: 1920 x 1080 pixels. Internal memory: 16 GB, Internal memory type: DDR4-SDRAM. Total storage capacity: 512 GB, Storage media: SSD. On-board graphics card model: AMD Radeon Graphics. Operating system installed: Windows 11 Pro. Product colour: Silver

Design

Colour name	Pike silver aluminum
Product type *	Laptop
Product colour *	Silver
Form factor *	Clamshell
Market positioning	Premium
Introduction year	2023
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 brightness	400 cd/m²
Display diagonal (metric)	35.6 cm
RGB colour space	NTSC
Colour gamut	72%

Processor

Processor manufacturer *	AMD
Processor family *	AMD Ryzen™ 5
Processor generation	AMD Ryzen 7000 Series
Processor model *	7530U
Processor cores	6
Processor threads	12
Processor boost frequency	4.5 GHz
Processor frequency *	2 GHz
Processor cache	16 MB
Processor cache type	L3

Memory

Internal memory *	16 GB
Internal memory type	DDR4-SDRAM
Memory clock speed	3200 MHz
Memory layout (slots x size)	1 x 16 GB
Memory slots	2x SO-DIMM
Maximum internal memory *	64 GB
ECC	✗
Non-ECC	✔

Network

Wi-Fi standards	Wi-Fi 6E (802.11ax)
Mobile network connection *	✗
Antenna type	2x2
WLAN controller model	MediaTek RZ616
WLAN controller manufacturer	MediaTek
Ethernet LAN	✔
Ethernet LAN data rates	10,100,1000 Mbit/s
Bluetooth	✔
Bluetooth version	5.3

Ports & interfaces

USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Ethernet LAN (RJ-45) ports	1
HDMI ports quantity *	1
HDMI version	2.1
Combo headphone/mic port	✔
USB Type-C DisplayPort Alternate Mode	✔

Keyboard

Keyboard special features	Étanche
Pointing device	Clickpad
Numeric keypad *	✗
Keyboard backlit	✔
Spill-resistant keyboard	✔
Keyboard layout	QWERTY
Input device model	Clavier HP Premium

Software

Operating system installed *	Windows 11 Pro

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

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	✔
Optical drive type *	✘

Graphics

Discrete graphics card model *	Not available
On-board graphics card *	✔
On-board GPU manufacturer	AMD
Discrete graphics card *	✘
On-board graphics card family	AMD Radeon Graphics
On-board graphics card model *	AMD Radeon 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	✔

Network

Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)

Battery

Battery capacity *	51 Wh
Battery weight	181.83 g

Power

AC adapter power	65 W
AC adapter frequency	50 - 60 Hz
AC adapter input voltage	100 - 240 V
DC-in jack	✔
USB Power Delivery (USB PD)	✔

Security

Cable lock slot	✔
Fingerprint reader	✔
Password protection	✔
Password protection type	BIOS, Power on, User

Sustainability

Sustainability compliance	✔
Sustainability certificates	TCO

Weight & dimensions

Width	321.9 mm
Depth	213.9 mm
Height	19.9 mm
Weight *	1.4 kg

Packaging data

Package width	69 mm
Package depth	483 mm
Package height	305 mm

Packaging content

Stylus pen	✘

Other features

Number of speakers	2

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