



HP EliteBook 645 14 inch G9 AMD Ryzen™ 7 5825U Laptop 35.6 cm (14") Full HD 16 GB DDR4-SDRAM 512 GB SSD Wi-Fi 6 (802.11ax) Windows 11 Pro Silver



Brand : HP

Product family: EliteBook

Product code: 5Y4K1EA#ABH

Product name : 645 14 inch G9

HP EliteBook 645 14 inch G9. Product type: Laptop, Form factor: Clamshell. Processor family: AMD Ryzen™ 7, Processor model: 5825U, 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		Network	
Product type *	Laptop	WLAN controller manufacturer	Realtek
Product colour *	Silver	Ethernet LAN	✓
Form factor *	Clamshell	Ethernet LAN data rates	10,100,1000 Mbit/s
Market positioning	Premium	Bluetooth	✓
Introduction year	2022	Bluetooth version	5.2
Country of origin	China	Ports & interfaces	
Original brand name	HP	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3
Display		USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Display diagonal *	35.6 cm (14")	USB4 Gen 3x2 ports quantity	1
Display resolution *	1920 x 1080 pixels	Ethernet LAN (RJ-45) ports	1
Touchscreen *	✗	HDMI ports quantity *	1
HD type	Full HD	HDMI version	2.1b
Panel type	IPS	Combo headphone/mic port	✓
Native aspect ratio	16:9	USB Type-C DisplayPort Alternate Mode	✓
Anti-glare screen	✓	Keyboard	
Display bezel technology	Micro-Edge	Keyboard special features	Morsbestendig
Display brightness	400 cd/m ²	Pointing device	Clickpad
Display diagonal (metric)	35.6 cm	Numeric keypad *	✗
RGB colour space	NTSC	Keyboard backlit	✓
Colour gamut	72%	Spill-resistant keyboard	✓
Processor		Keyboard layout	QWERTY
Processor manufacturer *	AMD	Input device model	HP Premium toetsenbord
Processor family *	AMD Ryzen™ 7	Software	
Processor generation	AMD Ryzen 5000 Series	Windows 11 free upgrade	✓
Processor model *	5825U	Operating system installed *	Windows 11 Pro
Processor cores	8	Brand-specific features	
Processor boost frequency	4.5 GHz	HP speaker type	HP Dual Speakers
Processor frequency *	2 GHz	HP Connection Optimizer	✓
Processor cache	16 MB	HP Support Assistant	✓
Processor cache type	L3	HP Smart AC Adapter	✓
Memory			
Internal memory *	16 GB		
Internal memory type	DDR4-SDRAM		
Memory clock speed	3200 MHz		

Memory		Brand-specific features	
Memory form factor	SO-DIMM	HP front camera	HP Webcam HD IR
Memory layout (slots x size)	1 x 16 GB	HP segment	Business
Memory slots	2x SO-DIMM	Battery	
Maximum internal memory *	64 GB	Battery technology	Lithium-Ion (Li-Ion)
Number of free internal memory expansion slots	1	Number of battery cells	3
ECC	✗	Battery capacity *	51 Wh
Non-ECC	✓	Battery weight	180 g
Storage		Power	
Total storage capacity *	512 GB	AC adapter power	65 W
Storage media *	SSD	AC adapter frequency	50 - 60 Hz
Total SSDs capacity	512 GB	AC adapter input voltage	100 - 240 V
Number of SSDs installed	1	DC-in jack	✓
SSD capacity	512 GB	USB Power Delivery (USB PD)	✓
SSD interface	PCI Express, NVMe	Security	
NVMe	✓	Cable lock slot	✓
Optical drive type *	✗	Fingerprint reader	✓
Graphics		Trusted Platform Module (TPM)	✓
Discrete graphics card model *	Not available	Trusted Platform Module (TPM) version	2.0
On-board graphics card *	✓	Password protection	✓
On-board GPU manufacturer	AMD	Password protection type	BIOS, Power on, User
Discrete graphics card *	✗	Certificates	
On-board graphics card family	AMD Radeon Graphics	Low halogen	✓
On-board graphics card model *	AMD Radeon Graphics	Compliance certificates	CCC, GS mark
Audio		Sustainability	
Built-in speaker(s)	✓	Sustainability compliance	✓
Number of built-in speakers	2	Sustainability certificates	ENERGY STAR
Built-in microphone	✓	Weight & dimensions	
Number of microphones	2	Width	321.9 mm
Camera		Depth	213.9 mm
Front camera	✓	Height	19.9 mm
Front camera signal format	720p	Weight *	1.37 kg
Front camera HD type	HD	Packaging data	
Infrared (IR) camera	✓	Package width	69 mm
Privacy camera	✓	Package depth	449 mm
Network		Package height	305 mm
Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)	Packaging content	
Wi-Fi standards	Wi-Fi 6 (802.11ax)	Keyboard included	✓
Mobile network connection *	✗	Logistics data	
Antenna type	2x2	Harmonized System (HS) code	84713000
WLAN controller model	Realtek RTL8852AE	Other features	
		Number of speakers	2

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