



HP EliteBook 640 14 G9 Intel® Core™ i5 i5-1245U Laptop 35.6 cm (14") Full HD 16 GB DDR4-SDRAM 256 GB SSD Wi-Fi 6E (802.11ax) Windows 11 Pro Silver

Brand : HP

Product family: EliteBook

Product code: 5Y485EA#ABH

Product name : 640 14 G9



HP EliteBook 640 14 G9. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i5, Processor model: i5-1245U, Processor frequency: 1.6 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: 256 GB, Storage media: SSD. On-board graphics card model: Intel Iris Xe Graphics. Operating system installed: Windows 11 Pro. Product colour: Silver

Design		Ports & interfaces	
Product type *	Laptop	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3
Product colour *	Silver	Ethernet LAN (RJ-45) ports	1
Form factor *	Clamshell	HDMI ports quantity *	1
Market positioning	Premium	HDMI version	2.1
Original brand name	HP	Combo headphone/mic port	✓
Display		USB Type-C DisplayPort Alternate Mode	✓
Display diagonal *	35.6 cm (14")	Keyboard	
Display resolution *	1920 x 1080 pixels	Keyboard special features	Morsbestendig
Touchscreen *	✗	Pointing device	Clickpad
HD type	Full HD	Numeric keypad *	✗
Panel type	IPS	Keyboard backlight	✓
Native aspect ratio	16:4	Spill-resistant keyboard	✓
Anti-glare screen	✓	Keyboard layout	QWERTY
Display bezel technology	Micro-Edge	Input device model	HP Premium toetsenbord
Display brightness	400 cd/m ²	Software	
Display diagonal (metric)	35.6 cm	Windows 11 free upgrade	✓
RGB colour space	NTSC	Operating system installed *	Windows 11 Pro
Colour gamut	72%	Processor special features	
Processor		Intel Flex Memory Access	✓
Processor manufacturer *	Intel	Intel Trusted Execution Technology	✓
Processor family *	Intel® Core™ i5	Intel VT-x with Extended Page Tables (EPT)	✓
Processor generation	12th gen Intel® Core™ i5	Intel Stable Image Platform Program (SIPP)	✓
Processor model *	i5-1245U	Execute Disable Bit	✓
Processor cores	10	CPU configuration (max)	1
Processor threads	12	Embedded options available	✗
Processor boost frequency	4.4 GHz	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Processor frequency *	1.6 GHz	Intel Virtualization Technology (VT-x)	✓
Processor cache	12 MB		
Processor cache type	L3		
Configurable TDP-down	12 W		
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 Connection Optimizer	✓
Memory layout (slots x size)	1 x 16 GB	HP Support Assistant	✓
Memory slots	2x SO-DIMM	HP Smart AC Adapter	✓
Maximum internal memory *	64 GB	HP segment	Business
Number of free internal memory expansion slots	1	Battery	
ECC	✗	Battery technology	Lithium-Ion (Li-Ion)
Non-ECC	✓	Number of battery cells	3
Storage		Battery capacity *	51 Wh
Total storage capacity *	256 GB	Battery weight	180 g
Storage media *	SSD	Power	
Total SSDs capacity	256 GB	AC adapter power	65 W
Number of SSDs installed	1	AC adapter frequency	50 - 60 Hz
SSD capacity	256 GB	AC adapter input voltage	100 - 240 V
SSD interface	PCI Express	DC-in jack	✓
NVMe	✓	USB Power Delivery (USB PD)	✓
Optical drive type *	✗	Security	
Graphics		Cable lock slot	✓
Discrete graphics card model *	Not available	Fingerprint reader	✓
On-board graphics card *	✓	Trusted Platform Module (TPM)	✓
On-board GPU manufacturer	Intel	Trusted Platform Module (TPM) version	2.0
Discrete graphics card *	✗	Password protection	✓
On-board graphics card family	Intel Iris Xe Graphics	Password protection type	BIOS, Power on, User
On-board graphics card model *	Intel Iris Xe Graphics	Certificates	
Audio		Compliance certificates	CCC, GS mark
Built-in speaker(s)	✓	Sustainability	
Number of built-in speakers	2	Sustainability compliance	✓
Built-in microphone	✓	Sustainability certificates	ENERGY STAR
Number of microphones	2	Weight & dimensions	
Camera		Width	321.9 mm
Front camera	✓	Depth	213.9 mm
Front camera signal format	720p	Height	19.9 mm
Front camera HD type	HD	Weight *	1.37 kg
Infrared (IR) camera	✓	Packaging data	
Privacy camera	✓	Package width	69 mm
Network		Package depth	449 mm
Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)	Package height	305 mm
Wi-Fi standards	Wi-Fi 6E (802.11ax)	Packaging content	
Mobile network connection *	✗	Keyboard included	✓
Antenna type	2x2	Stylus pen	✗
WLAN controller model	Intel Wi-Fi 6E AX211	Logistics data	
WLAN controller manufacturer	Intel	Harmonized System (HS) code	84713000
Ethernet LAN	✓	Other features	
Ethernet LAN data rates	10,100,1000 Mbit/s	Number of speakers	2
Bluetooth	✓		
Bluetooth version	5.3		



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