

HP EliteBook 640 14 G10 Intel® Core™ i7 i7-1355U 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: 9G289ET#ABH

Product name: 640 14 G10

HP EliteBook 640 14 G10. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i7, Processor model: i7-1355U, Processor frequency: 1.7 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. Mobile network generation: 4G. Operating system installed: Windows 11 Pro. Product colour: Silver





Design		Network	
Colour name Product type * Product colour * Form factor * Market positioning Introduction year Original brand name	Pike silver aluminum Laptop Silver Clamshell Premium 2023 HP	WLAN controller model WLAN controller manufacturer Ethernet LAN Ethernet LAN data rates Bluetooth Bluetooth version	Intel Wi-Fi 6E AX211 Intel ✓ 10,100,1000 Mbit/s ✓ 5.2 Intel® XMM™ 7560 LTE Advanced
Display		WWAN controller	Pro Cat 16
Display diagonal *	35.6 cm (14")	Ports & interfaces	
Display resolution * Touchscreen *	1920 x 1080 pixels x	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
HD type	Full HD IPS	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Panel type Native aspect ratio	16:9	Ethernet LAN (RJ-45) ports	1
Anti-glare screen	10.9	HDMI ports quantity *	1
Display brightness	400 cd/m ²	HDMI version	2.1
Display diagonal (metric)	35.6 cm	Thunderbolt 4 ports quantity	1
RGB colour space	sRGB	Combo headphone/mic port	✓
Colour gamut	100%	USB Type-C DisplayPort Alternate Mode	✓
Processor		Keyboard	
Processor manufacturer * Processor family * Processor generation Processor model * Processor cores Processor threads Processor boost frequency Processor frequency *	Intel Intel® Core™ i7 13th gen Intel® Core™ i7 i7-1355U 10 12 5 GHz 1.7 GHz	Keyboard special features Pointing device Numeric keypad * Keyboard backlit Spill-resistant keyboard Keyboard layout Input device model	Étanche Clickpad X V QWERTY HP Premium Keyboard
Processor cache	12 MB	Software	
Processor cache type	L3	Operating system installed *	Windows 11 Pro

Internal memory 16 GB	Momory		Prand specific features	
Internal memory type	Memory	16 CD	Brand-specific features	
Memory clock speed 3200 MHz HB segment Business Memory layout (slots x size) 1 x16 GB Battery Memory slots 2 x SO-DIMM Battery Maximum internal memory** 64 GB Battery chonology Lithium-lon (Li-lon) ECC V Battery capacity* 51 Wh Non-ECC V Battery capacity* 51 Wh Storage Power Total storage capacity* 512 GB AC adapter power 65 W Storage media* SSD AC adapter input voltage 50 OHZ Total SSDs capacity 512 GB AC adapter input voltage 50 OHZ Number of SSDs installed 1 CA adapter input voltage 50 OHZ Number of SSDs installed 1 CA adapter input voltage 65 W SSD interface PCI Express USE GB AC adapter input voltage 50 OHZ SSD interface PCI Express USE GB AC adapter input voltage 50 OHZ SSD interface SSD interface SSD Gapacity AC adapter input voltage	•		•	
Memory slots 1 x 16 GB Battery Memory slots 2x SO-DIMM Battery echnology Lithium-lon (Li-lon) ECC x Number of battery cells 3 ECC x Battery pacapacity* 51 Wh Shorage Power 51 Wh Total storage capacity* 512 GB Ac adapter power 65 W Storage media* SSD Ac adapter prequency 50 - 60 Hz Total Storage apacity* 512 GB Ac adapter prequency 50 - 60 Hz Storages media* SSD Ac adapter frequency 50 - 60 Hz Total SSDs capacity 512 GB Ac adapter prequency 50 - 60 Hz SSD capacity 512 GB Ac adapter input votage 100 - 240 V Number of SSDs installed 1 CEcurity V SSD capacity X CSE GB V SSD capacity			·	
Maximum internal memory ** 64 GB** Maximum internal memory ** 64 GB** Maximum internal memory ** 64 GB** Non-ECC ** Non-ECC ** Non-ECC ** Non-ECC ** Non-ECC ** Battery weight 181.83 g Storage ** Total storage capacity ** S12 GB** Storage ** Total storage capacity ** S5D AC adapter power 65 W AC adapter internative voltage 100 - 240 V Number of SSDs installed 1 SSD capacity 512 GB AC adapter internative voltage 100 - 240 V Number of SSDs installed 1 SSD capacity 512 GB AC adapter internative voltage 100 - 240 V Number of SSDs installed 1 SSD capacity 512 GB AC adapter internative voltage 100 - 240 V Number of SSDs installed 1 SSD capacity 512 GB AC adapter internative voltage 100 - 240 V Number of SSDs installed 1 SSD capacity 512 GB AC adapter internative voltage 100 - 240 V Number of SSDs installed 1 SSD capacity 512 GB AC adapter internative voltage 100 - 240 V Number of SSDs installed 1 SSD capacity 512 GB AC adapter internative voltage 100 - 240 V Number of SSDs installed 1 SSD capacity 512 GB AC adapter internative voltage 100 - 240 V Number of SSDs installed 1 Not available 512 GB AC adapter internative voltage 100 - 240 V Security 7 Security 7 Cable lock slot 7 Fingerprint reader 7 Trusted Platform Module (TPM) 7 Non-board graphics card 1 Not available 512 Smart card reader 7 Number of manufacturer 1 Intel Iris Xe Graphics 1 Intel Iris Xe Graphics 1 Intel Iris Xe Graphics 1 Password protection ye 100 BIOS, Power on, User 1 Security 7 Security 7 Security 8 Non-board graphics card 4 Non-board graphics card 4 Non-board graphics card 4 Non-board graphics card 5 Non-board graphics card 5 Non-board graphics card 6 Not available 6 Smart card reader 7 Security 7		1 x 16 GB		Dusiliess
Number of battery cells 3 51 51 51 51 51 51 51	•	2x SO-DIMM		1911
Storage		64 GB		, ,
Storage Power Total storage capacity** 512 GB AC adapter power 65 W Storage media** SSD AC adapter frequency 50 - 60 Hz Number of SDS installed 1 DC-in jack 70 - 240 V Number of SDS installed 1 DC-in jack 70 - 240 V SSD capacity 512 GB DC-in jack 70 - 240 V NVMe PCI Express USB Power Delivery (USB PD) 70 - 240 V NVMe Y Security Y Optical drive type* X Cable lock slot Y Forspitics X Cable lock slot Y Orboard graphics card model* Not available Smart card reader Y On-board graphics card sphics Y Trusted Platform Module (TPM) Y On-board graphics card family Intel in Sx Graphics Y Swatering (TPM) Y On-board graphics card family Intel in Sx Graphics Password protection type BIOS, Power on, User Built-in speaker(s) Y Compliance extrifactes CCC, CECP			•	
Fower	Non-ECC	*		
Storage media* SSD AC adapter power 65 W Total SSDs capacity 512 GB AC adapter frequency 50 - 60 Hz Number of SSDs installed 1 AC adapter frequency 50 - 60 Hz SSD capacity 512 GB DC-in jack / SSD interface PCI Express USB Power Delivery (USB PD) / NVMe Y Security Y Optical drive type* X Cable lock slot Y Graphics Not available Smart card reader Y Discrete graphics card model* Not available Smart card reader Y On-board graphics card femily Intel			Power	
Total SSDs capacity S12 GB	- · · ·		AC adapter power	65 W
Number of SSDs installed 1 AC adapter input voltage 100 - 240 V SSD capacity 512 GB DC-in jack / SSD interface PCI Express USB Power Delivery (USB PD) / NVMe ***Ceurity ***Ceurity Optical drive type * X Cable lock slot * Carphics ***Not available Smart card reader ***Ceptical graphics card model Not available Smart card reader ***Ceptical graphics card *** ***On-board graphics card *** ***On-board graphics card *** ***Version ***Ceptical graphics card *** ***Version ***Ceptical graphics card family Intel Iris Xe Graphics **Password protection ***Ceptical graphics card family ***Intel Iris Xe Graphics ***Password protection ***Cec, CECP Built-in speaker(s) ***Version ***Cettificates CCC, CECP Built-in speaker(s) ***Version ***Sustainability compliance ***Cec, CECP Built-in microphone ***Version ***Sustainability certificates TCO Built-in microphone ***Version ***Version ***Version Front camera	•		AC adapter frequency	50 - 60 Hz
SSD capacity SSD interface PCI Express PCI Express USB Power Delivery (USB PD) PCI Express VSB Power Delivery (USB PD) PCI Express PCI	• •			100 - 240 V
Notifier to the second of the	SSD capacity	512 GB		
Optical drive type * X Cable lock slot ✓ Graphics Fingerprint reader ✓ Discrete graphics card model * Not available Smart card reader ✓ On-board GPU manufacturer Intel Trusted Platform Module (TPM) version ✓ On-board graphics card * X Password protection ✓ On-board graphics card family on-board graphics card model * Intel Iris Xe Graphics Password protection ✓ On-board graphics card model * Intel Iris Xe Graphics Password protection ✓ Audio Certificates CCC, CECP Built-in speaker(s) ✓ Sustainability CCC, CECP Number of built-in speakers 2 Sustainability CCC, CECP Built-in microphone ✓ Sustainability certificates CCC, CECP Number of microphones ✓ Sustainability certificates TCO Camera Weight & dimensions TCO Camera Weight & dimensions HD Depth 213.9 mm Infrared (IR) camera ✓ Wideh 321.9 mm Height 19.9 mm Network	SSD interface	PCI Express	USB Power Delivery (USB PD)	✓
Graphics Fingerprint reader ✓ Discrete graphics card model * On-board graphics card * ✓ Trusted Platform Module (TPM) ✓ On-board GPU manufacturer Intel Trusted Platform Module (TPM) version 2.0 Discrete graphics card * X Password protection ✓ On-board graphics card family On-board graphics card model * Intel Iris Xe Graphics Intel Iris Xe Graphics Password protection type Password protection type BlOS, Power on, User Built-in speaker(s) ✓ Certificates CCC, CECP Built-in speaker(s) ✓ Sustainability CCC, CECP Number of built-in speakers 2 Sustainability compliance ✓ Number of microphone ✓ Sustainability certificates TCO Camera Weight & dimensions V Front camera ✓ Widdn 321.9 mm Infrared (IR) camera ✓ Widdn 321.9 mm Infrared (IR) camera ✓ Packaging data Network Weight * 1.41 kg Network Package width 69 mm Mobile network generation 4 Package width 69 mm<		✓	Security	
Discrete graphics card model * Not available Smart card reader	Optical drive type *	X	Cable lock slot	✓
On-board graphics card *	Graphics		Fingerprint reader	✓
On-board GPU manufacturer Intel Trusted Platform Module (TPM) version 2.0 Discrete graphics card * X Password protection ✓ On-board graphics card family On-board graphics card model * Intel Iris Xe Graphics Password protection type BIOS, Power on, User Audio Built-in speaker(s) ✓ Certificates CCC, CECP Number of built-in speakers 2 Sustainability CCC, CECP Built-in microphone ✓ Sustainability compliance ✓ Number of microphones 2 Sustainability certificates TCO Camera Weight & dimensions TCO Front camera ✓ Width 321.9 mm Front camera HD type HD Depth 213.9 mm Infrared (IR) camera ✓ Height 19.9 mm Network Weight * 1.41 kg Network Packaging data Mobile network generation 4G Package width 69 mm 4G standard LTE-TDD & LTE-FDD Package depth 483 mm Top Wi-Fi standards Wi-Fi 6E (802.11ax) Package depth	Discrete graphics card model *	Not available		✓
Discrete graphics card * X version 2.0 On-board graphics card family On-board graphics card family On-board graphics card family On-board graphics card model * Intel Iris Xe Graphics Intel Iris Xe Graphics Password protection type BIOS, Power on, User Audio Built-in speaker(s)	3 1	✓		✓
Discrete graphics card * X Name of the Iris Xe Graphics Password protection Passwo			, ,	2.0
On-board graphics card model * Intel Iris Xe Graphics Password protection type BIOS, Power on, User Audio Certificates CCC, CECP Built-in speaker(s) ✓ Compliance certificates CCC, CECP Number of built-in speakers 2 Sustainability Built-in microphone ✓ Sustainability compliance ✓ Number of microphones 2 Sustainability compliance ✓ Wilder Medianability compliance ✓ Weight & dimensions Wilder Medianability certificates TOO Number of microphones Audianability certificates TOO Meight & dimensions Meight & dimensions Meight & dimensions Meight & dimensions Meight & dime	• .			✓
Audio Certificates CCC, CECP Built-in speaker(s) ✓ Sustainability Number of built-in speakers 2 Sustainability compliance ✓ Built-in microphone ✓ Sustainability compliance ✓ Number of microphones 2 Weight & dimensions Front camera ✓ Weight & dimensions Front camera ✓ Width 321.9 mm Infrared (IR) camera ✓ Depth 213.9 mm Infrared (IR) camera ✓ Height 19.9 mm Weight * 19.9 mm Mobile network generation 4G 4G standard LTE-TDD & LTE-FDD Package width 69 mm Vi-Fi i standards Wi-Fi i GE (802.11ax) Package height 305 mm Mobile network		•	Password protection type	BIOS, Power on, User
Built-in speaker(s) Number of built-in speakers 2 Built-in microphone ✓ Sustainability Sustainability compliance ✓ Number of microphones 2 Sustainability compliance ✓ Camera Weight & dimensions Front camera Front camera HD type Infrared (IR) camera Network Mobile network generation 4G GS standard GG standard Top Wi-Fi istandard* Wi-Fi 6E (802.11ax) Wi-Fi standards Wi-Fi 6E (802.11ax) Mobile network connection* Mobile network connection* Mobile network connection* Antenna type Stylus pen CCC, CECP Sustainability Sust			Certificates	
Number of built-in speakers 2 Sustainability Image: Composition of the proposition of the		✓	Compliance certificates	CCC, CECP
Number of microphones2Sustainability certificatesTCOCameraWeight & dimensionsFront camera✓Width321.9 mmFront camera HD typeHDDepth213.9 mmInfrared (IR) camera✓Height19.9 mmNetworkWeight *1.41 kgMobile network generation4GPackaging data4G standardLTE-TDD & LTE-FDDPackage width69 mmTop Wi-Fi standard *Wi-Fi 6E (802.11ax)Package depth483 mmWi-Fi standardsWi-Fi 6E (802.11ax)Packaging contentMobile network connection *✓Packaging contentAntenna type2x2Stylus penxOther features			Sustainability	
CameraWeight & dimensionsFront camera✓Width321.9 mmFront camera HD typeHDDepth213.9 mmInfrared (IR) camera✓Height19.9 mmNetworkWeight *1.41 kgMobile network generation4GPackaging data4G standardLTE-TDD & LTE-FDDPackage width69 mmTop Wi-Fi standard *Wi-Fi 6E (802.11ax)Package depth483 mmWi-Fi standardsWi-Fi 6E (802.11ax)Package height305 mmMobile network connection *✓Packaging contentAntenna type2x2Stylus penXOther features	Built-in microphone	✓	Sustainability compliance	✓
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Front camera HD type Infrared (IR) camera Network Mobile network generation 4G Top Wi-Fi standard* Wi-Fi 6E (802.11ax) Mobile network connection* Antenna type HD Depth 19.9 mm 19.9 mm 1.41 kg Packaging data Packaging data Package width Package width Package depth Package depth Package height 305 mm Packaging content Stylus pen X Other features	Camera		Weight & dimensions	
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Mobile network connection * Antenna type 2x2 Packaging content Stylus pen Cher features Other features				
Antenna type 2x2 Stylus pen X Other features		, ,		
Other features	Antenna type	2x2		X
Number of speakers 2			Other features	
				2





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