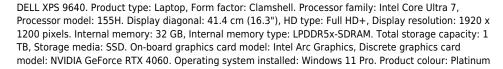


DELL XPS 9640 Intel Core Ultra 7 155H Laptop 41.4 cm (16.3") Full HD+ 32 GB LPDDR5x-SDRAM 1 TB SSD NVIDIA GeForce RTX 4060 Wi-Fi 7 (802.11be) Windows 11 Pro Platinum

Brand : DELL Product family: XPS Product code: 2VGV4

Product name: 9640







Design		Graphics	
Product type *	Laptop	On-board graphics card model *	Intel Arc Graphics
Product colour * Platinum		Audio	
Form factor *	Clamshell	Audio system	MaxxAudio Pro
Housing material	Aluminium	Number of built-in speakers	2
Display		Speakers manufacturer	Waves
Display diagonal *	41.4 cm (16.3")	Built-in microphone	✓
Display resolution *	1920 x 1200 pixels	Number of microphones	2
Touchscreen *	×	Camera	
HD type	Full HD+	Front camera	√
Panel type	WLED	Front camera resolution (numeric)	2.07 MP
LED backlight	•	Front camera resolution	1920 x 1080 pixels
Native aspect ratio	16:10	Front camera HD type	Full HD
Anti-glare screen	√	Video capturing speed	30 fps
Display brightness	500 cd/m ²	Infrared (IR) camera	✓
Pixel density	139 ppi	Network	
RGB colour space Colour gamut	sRGB 100%	Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
Maximum refresh rate	100% 120 Hz	TOP WI-FI Standard	802.11a, 802.11b, 802.11g, Wi-Fi 4
Contrast ratio (typical)	2000:1	Wi-Fi standards	(802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11ar), Wi-Fi 5 (802.11ac), Wi-Fi 6E (802.11ax), Wi-Fi 7 (802.11be)
Processor		Mobile network connection *	×
Processor manufacturer *	Intel	Antenna type	2x2
Processor family *	Intel Core Ultra 7	WLAN controller model	Intel Wi-Fi 7 BE200
Processor generation	Intel® Core™ Ultra (Series 1)	WLAN controller manufacturer	Intel
Processor model *	155H	Bluetooth	✓
Processor cores Processor threads	16 22	Ports & interfaces	
Processor threads Processor boost frequency	4.8 GHz	Thunderbolt 4 ports quantity	3
Performance cores	6	Intel® Thunderbolt 4	✓
Efficient cores	8	Combo headphone/mic port	✓
Low Power Efficient-cores	2	Charging port type	USB Type-C
Performance-core Max Turbo Frequency	4.8 GHz	USB Type-C DisplayPort Alternate Mode	•
Efficient-core Max Turbo Frequency	3.8 GHz	Performance	
Low Power Efficient-core Max Turbo Frequency	2.5 GHz	Ambient light sensor	✓

Processor		Keyboard	
Performance-core base frequency	1.4 GHz	Pointing device	Touchpad
Efficient-core base frequency	0.9 GHz	Keyboard language	Nordic
Low Power Efficient-core Base	700 MHz	Numeric keypad *	×
Frequency Processor cache	24 MB	Keyboard backlit	✓
Processor cache type	Smart Cache	Software	
Processor base power	28 W	Operating system architecture	64-bit
Maximum turbo power	115 W		Danish, English, Finnish, Norwegian,
·	113 11	Operating system language	Swedish
Neural processor unit (NPU)			McAfee Business Protection 1-
Neural processor unit (NPU)	Intel Al Boost	Trial software	year,No Microsoft Office License Included - 30 day Trial Offer Only
Maximum frequency NPU	1.4 GHz	Operating system installed *	Windows 11 Pro
Sparsity support	✓		Williams II 110
Windows Studio effects support	✓	Battery	
Al datatype support on NPU	FP16, FP32, Int8	Battery technology	Lithium Polymer (LiPo)
Al software frameworks supported	DirectML, ONNX RT, OpenVINO, Windows ML	Number of battery cells	6
by NPU	WINDOWS INC	Battery capacity *	99.5 Wh
Memory		Battery voltage	11.7 V
Internal memory *	32 GB	Battery recharge time	4 h
Internal memory type	LPDDR5x-SDRAM	Fast charging	/
Memory form factor	On-board	Battery weight	380 g
Maximum internal memory *	32 GB	Power	
Memory data transfer rate	6400 MT/s	AC adapter power	130 W
Storage		AC adapter frequency	50 - 60 Hz
Total storage capacity *	1 TB	AC adapter input voltage	100 - 240 V
Storage media *	SSD	USB Power Delivery (USB PD) *	✓
Total SSDs capacity	1 TB	USB charging voltage	5,9,15,20 V
Number of SSDs installed	1	USB charging current	6.5 A
SSD capacity	1 TB	Security	
SSD interface	PCI Express 4.0	Fingerprint reader	✓
NVMe	✓	Windows Hello	·
SSD form factor	M.2		-
Optical drive type *	×	Trusted Platform Module (TPM)	✓
Card reader integrated	✓	Trusted Platform Module (TPM) version	2.0
Compatible memory cards	MicroSD (TransFlash), MicroSDHC,	Operational conditions	
	MicroSDXC	-	0 - 35 °C
Graphics		Operating temperature (T-T) Storage temperature (T-T)	-40 - 65 °C
Discrete graphics card model *	NVIDIA GeForce RTX 4060	Operating relative humidity (H-H)	10 - 90%
Discrete graphics card memory	8 GB	Storage relative humidity (H-H)	0 - 95%
Discrete graphics memory type	GDDR6	Operating altitude	-15.2 - 3048 m
On-board graphics card *	✓	Non-operating altitude	-15.2 - 10668 m
On-board GPU manufacturer	Intel	Operating shock	110 G
Discrete graphics card *	/	Non-operating shock	160 G
On-board graphics card family	Intel Arc Graphics	Operating vibration	0.66 G
		Non-operating vibration	1.3 G
		Weight & dimensions	
		Width	358.2 mm
		Depth	240.1 mm
		Height	18.7 mm
		Weight *	2.13 kg
		Packaging content	-
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		Cables included	AC



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