



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

DELL XPS 9640. Product type: Laptop, Form factor: Clamshell. Processor family: Intel Core Ultra 7, Processor model: 155H. Display diagonal: 41.4 cm (16.3"), HD type: Full HD+, Display resolution: 1920 x 1200 pixels. Internal memory: 32 GB, Internal memory type: LPDDR5x-SDRAM. Total storage capacity: 1 TB, Storage media: SSD. On-board graphics card model: Intel Arc Graphics, Discrete graphics card model: NVIDIA GeForce RTX 4060. Operating system installed: Windows 11 Pro. Product colour: Platinum

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	sRGB	Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
Colour gamut	100%	Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6E (802.11ax), Wi-Fi 7 (802.11be)
Maximum refresh rate	120 Hz	Mobile network connection *	✗
Contrast ratio (typical)	2000:1	Antenna type	2x2
Processor		WLAN controller model	Intel Wi-Fi 7 BE200
Processor manufacturer *	Intel	WLAN controller manufacturer	Intel
Processor family *	Intel Core Ultra 7	Bluetooth	✓
Processor generation	Intel® Core™ Ultra (Series 1)	Ports & interfaces	
Processor model *	155H	Thunderbolt 4 ports quantity	3
Processor cores	16	Intel® Thunderbolt 4	✓
Processor threads	22	Combo headphone/mic port	✓
Processor boost frequency	4.8 GHz	Charging port type	USB Type-C
Performance cores	6	USB Type-C DisplayPort Alternate Mode	✓
Efficient cores	8	Performance	
Low Power Efficient-cores	2	Ambient light sensor	✓
Performance-core Max Turbo Frequency	4.8 GHz		
Efficient-core Max Turbo Frequency	3.8 GHz		
Low Power Efficient-core Max Turbo Frequency	2.5 GHz		

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



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Publication date: 19-DEC-2024. Prints or copies of Information are only valid on the printed Publication date