



# DELL XPS 9640 Intel Core Ultra 7 155H Laptop 41.4 cm (16.3") Full HD+ 16 GB LPDDR5x-SDRAM 1 TB SSD NVIDIA GeForce RTX 4050 Wi-Fi 7 (802.11be) Windows 11 Pro Platinum



**Brand :** DELL

**Product family:** XPS

**Product code:** VJKRP

**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: 16 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 4050. Operating system installed: Windows 11 Pro. Product colour: Platinum

Design		Graphics	
Product type *	Laptop	Maximum discrete graphics card resolution	3840 x 2160 pixels
Product colour *	Platinum	<b>Audio</b>	
Form factor *	Clamshell	Audio system	MaxxAudio Pro
Housing material	Aluminium	Number of built-in speakers	2
Market positioning	Business	Speakers manufacturer	Waves
<b>Display</b>		Built-in microphone	✓
Display diagonal *	41.4 cm (16.3")	Number of microphones	2
Display resolution *	1920 x 1200 pixels	<b>Camera</b>	
Touchscreen *	✗	Front camera	✓
HD type	Full HD+	Front camera resolution (numeric)	2.07 MP
Panel type	WLED	Front camera resolution	1920 x 1080 pixels
LED backlight	✓	Front camera HD type	Full HD
Native aspect ratio	16:10	Video capturing speed	30 fps
Anti-glare screen	✓	Infrared (IR) camera	✓
Display brightness	500 cd/m <sup>2</sup>	<b>Network</b>	
Pixel density	139 ppi	Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
RGB colour space	sRGB	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)
Colour gamut	100%	Mobile network connection *	✗
Maximum refresh rate	120 Hz	Antenna type	2x2
Contrast ratio (typical)	2000:1	WLAN controller model	Intel Wi-Fi 7 BE200
<b>Processor</b>		WLAN controller manufacturer	Intel
Processor manufacturer *	Intel	Ethernet LAN	✗
Processor family *	Intel Core Ultra 7	Bluetooth	✓
Processor generation	Intel® Core™ Ultra (Series 1)	<b>Ports &amp; interfaces</b>	
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		
Low Power Efficient-cores	2		
Performance-core Max Turbo Frequency	4.8 GHz		
Efficient-core Max Turbo Frequency	3.8 GHz		

<b>Processor</b>		<b>Performance</b>	
Low Power Efficient-core Max Turbo Frequency	2.5 GHz	Ambient light sensor	✓
Performance-core base frequency	1.4 GHz	<b>Keyboard</b>	
Efficient-core base frequency	0.9 GHz	Pointing device	Touchpad
Low Power Efficient-core Base Frequency	700 MHz	Keyboard language	Nordic
Processor cache	24 MB	Numeric keypad *	✗
Processor cache type	Smart Cache	Keyboard backlit	✓
Number of processors supported	1	<b>Software</b>	
Processor base power	28 W	Operating system architecture	64-bit
Maximum turbo power	115 W	Operating system language	Danish, English, Finnish, Italian, Norwegian, Swedish
<b>Neural processor unit (NPU)</b>		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	<b>Battery</b>	
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
<b>Memory</b>		Battery recharge time	4 h
Internal memory *	16 GB	Fast charging	✓
Internal memory type	LPDDR5x-SDRAM	Battery weight	380 g
Memory form factor	On-board	<b>Power</b>	
Maximum internal memory *	16 GB	AC adapter power	130 W
Memory data transfer rate	6400 MT/s	AC adapter frequency	50 - 60 Hz
<b>Storage</b>		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	<b>Security</b>	
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 *	✗	<b>Operational conditions</b>	
Card reader integrated	✓	Operating temperature (T-T)	0 - 35 °C
Compatible memory cards	MicroSD (TransFlash), MicroSDHC, MicroSDXC	Storage temperature (T-T)	-40 - 65 °C
<b>Graphics</b>		Operating relative humidity (H-H)	10 - 90%
Discrete GPU manufacturer	NVIDIA	Storage relative humidity (H-H)	0 - 95%
Discrete graphics card model *	NVIDIA GeForce RTX 4050	Operating altitude	-15.2 - 3048 m
Discrete graphics card memory	6 GB	Non-operating altitude	-15.2 - 10668 m
Discrete graphics memory type	GDDR6	Operating shock	110 G
On-board graphics card *	✓	Non-operating shock	160 G
On-board GPU manufacturer	Intel	Operating vibration	0.66 G
Discrete graphics card *	✓	Non-operating vibration	1.3 G
On-board graphics card family	Intel Arc Graphics	<b>Certificates</b>	
On-board graphics card model *	Intel Arc Graphics	Wi-Fi certified	✓
Maximum on-board graphics card resolution	7680 x 4320 pixels	<b>Sustainability</b>	
		Sustainability certificates	ENERGY STAR, TCO
		<b>Weight &amp; dimensions</b>	
		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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