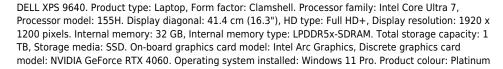## DELL XPS 9640 Intel Core Ultra 7 155H Laptop 41.4 cm (16.3") Full HD+ 32 GB LPDDR5x-SDRAM 1 TB SSD NVIDIA GeForce RTX 4060 Wi-Fi 7 (802.11be) Windows 11 Pro Platinum

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/m²	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		
Contrast ratio (typical)	2000:1		
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	16	**Ports & interfaces**	
Processor threads	22	Thunderbolt 4 ports quantity	3
Processor boost frequency	4.8 GHz	Intel® Thunderbolt 4	✔
Performance cores	6	Combo headphone/mic port	✔
Efficient cores	8	Charging port type	USB Type-C
Low Power Efficient-cores	2	USB Type-C DisplayPort Alternate Mode	✔
Performance-core Max Turbo Frequency	4.8 GHz	**Performance**	
Efficient-core Max Turbo Frequency	3.8 GHz	Ambient light sensor	✔
Low Power Efficient-core Max Turbo Frequency	2.5 GHz		

Processor

Performance-core base frequency	1.4 GHz
Efficient-core base frequency	0.9 GHz
Low Power Efficient-core Base Frequency	700 MHz
Processor cache	24 MB
Processor cache type	Smart Cache
Processor base power	28 W
Maximum turbo power	115 W

Neural processor unit (NPU)

Neural processor unit (NPU)	Intel AI Boost
Maximum frequency NPU	1.4 GHz
Sparsity support	✔
Windows Studio effects support	✔
AI datatype support on NPU	FP16, FP32, Int8
AI software frameworks supported by NPU	DirectML, ONNX RT, OpenVINO, Windows ML

Memory

Internal memory *	32 GB
Internal memory type	LPDDR5x-SDRAM
Memory form factor	On-board
Maximum internal memory *	32 GB
Memory data transfer rate	6400 MT/s

Storage

Total storage capacity *	1 TB
Storage media *	SSD
Total SSDs capacity	1 TB
Number of SSDs installed	1
SSD capacity	1 TB
SSD interface	PCI Express 4.0
NVMe	✔
SSD form factor	M.2
Optical drive type *	✘
Card reader integrated	✔
Compatible memory cards	MicroSD (TransFlash), MicroSDHC, MicroSDXC

Graphics

Discrete graphics card model *	NVIDIA GeForce RTX 4060
Discrete graphics card memory	8 GB
Discrete graphics memory type	GDDR6
On-board graphics card *	✔
On-board GPU manufacturer	Intel
Discrete graphics card *	✔
On-board graphics card family	Intel Arc Graphics

Keyboard

Pointing device	Touchpad
Keyboard language	Nordic
Numeric keypad *	✘
Keyboard backlit	✔

Software

Operating system architecture	64-bit
Operating system language	Danish, English, Finnish, Norwegian, Swedish
Trial software	McAfee Business Protection 1-year,No Microsoft Office License Included - 30 day Trial Offer Only
Operating system installed *	Windows 11 Pro

Battery

Battery technology	Lithium Polymer (LiPo)
Number of battery cells	6
Battery capacity *	99.5 Wh
Battery voltage	11.7 V
Battery recharge time	4 h
Fast charging	✔
Battery weight	380 g

Power

AC adapter power	130 W
AC adapter frequency	50 - 60 Hz
AC adapter input voltage	100 - 240 V
USB Power Delivery (USB PD) *	✔
USB charging voltage	5,9,15,20 V
USB charging current	6.5 A

Security

Fingerprint reader	✔
Windows Hello	✔
Trusted Platform Module (TPM)	✔
Trusted Platform Module (TPM) version	2.0

Operational conditions

Operating temperature (T-T)	0 - 35 °C
Storage temperature (T-T)	-40 - 65 °C
Operating relative humidity (H-H)	10 - 90%
Storage relative humidity (H-H)	0 - 95%
Operating altitude	-15.2 - 3048 m
Non-operating altitude	-15.2 - 10668 m
Operating shock	110 G
Non-operating shock	160 G
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

Cables included	AC

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