



DELL XPS 9440 Intel Core Ultra 7 155H Laptop 36.8 cm (14.5") Touchscreen 3.2K 32 GB LPDDR5x-SDRAM 1 TB SSD NVIDIA GeForce RTX 4050 Wi-Fi 6E (802.11ax) Windows 11 Pro Platinum

Brand : DELL

Product family: XPS

Product code: 4CTDC

Product name : 9440

- Windows 11 Pro 64-bit
- Intel Core Ultra 7 155H (24MB Cache)
- 36.8 cm (14.5") 3.2K 3200 x 2000 AMOLED Touch, NVIDIA GeForce RTX 4050 (6GB GDDR6)
- 32GB LPDDR5x-SDRAM & 1000GB SSD
Intel Core Ultra 7 155H (24MB Cache), 32GB LPDDR5x-SDRAM, 1000GB SSD, 36.8 cm (14.5") 3.2K 3200 x 2000 AMOLED Touch, Intel Arc Graphics, NVIDIA GeForce RTX 4050 (6GB GDDR6), WLAN, Webcam, Windows 11 Pro 64-bit

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XPS Laptops

Power your passions with premium, precision-crafted laptops with innovative features.
DELL XPS 9440. Product type: Laptop, Form factor: Clamshell. Processor family: Intel Core Ultra 7, Processor model: 155H. Display diagonal: 36.8 cm (14.5"), HD type: 3.2K, Display resolution: 3200 x 2000 pixels, Touchscreen. 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. Operating system installed: Windows 11 Pro. Product colour: Platinum



Design		Audio	
Product type *	Laptop	Number of built-in speakers	2
Product colour *	Platinum	Speakers manufacturer	Waves
Form factor *	Clamshell	Speaker power	2 W
Housing material	Aluminium	Built-in microphone	✓
Display		Number of microphones	2
Display diagonal *	36.8 cm (14.5")	Camera	
Display resolution *	3200 x 2000 pixels	Front camera	✓
Touchscreen *	✓	Front camera resolution (numeric)	2.07 MP
HD type	3.2K	Front camera resolution	1920 x 1080 pixels
Panel type	AMOLED	Front camera HD type	Full HD
LED backlight	✓	Video capturing speed	30 fps
Display brightness	400 cd/m²	Infrared (IR) camera	✓
Pixel density	260 ppi	Privacy camera	✓
RGB colour space	DCI-P3	Privacy type	Privacy shutter
Colour gamut	100%	Network	
Maximum refresh rate	120 Hz	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Contrast ratio (typical)	1000000:1	Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6E (802.11ax)
Processor		Mobile network connection *	✗
Processor manufacturer *	Intel	Wi-Fi band	Tri-band (2.4 GHz / 5 GHz / 6 GHz)
Processor family *	Intel Core Ultra 7	Wi-Fi data rate (max)	2400 Mbit/s
Processor generation	Intel® Core™ Ultra (Series 1)	Antenna type	2x2
Processor model *	155H	WLAN controller model	Intel Wi-Fi 6E AX211
Processor cores	16	WLAN controller manufacturer	Intel
Processor threads	22	Ethernet LAN	✗
Processor boost frequency	4.8 GHz	Bluetooth	✓
Performance cores	6	Ports & interfaces	
Efficient cores	8	Thunderbolt 4 ports quantity	3
Low Power Efficient-cores	2	Intel® Thunderbolt 4	✓
Performance-core Max Turbo Frequency	4.8 GHz		
Efficient-core Max Turbo Frequency	3.8 GHz		

Processor		Ports & interfaces	
Low Power Efficient-core Max Turbo Frequency	2.5 GHz	Combo headphone/mic port	✓
Performance-core base frequency	1.4 GHz	USB Type-C DisplayPort Alternate Mode	✓
Efficient-core base frequency	0.9 GHz	Performance	
Low Power Efficient-core Base Frequency	700 MHz	Ambient light sensor	✓
Processor cache	24 MB	Keyboard	
Processor cache type	Smart Cache	Pointing device	Touchpad
Processor base power	28 W	Numeric keypad *	✗
Maximum turbo power	115 W	Keyboard backlit	✓
Neural processor unit (NPU)		Copilot key	✓
Neural processor unit (NPU)	Intel AI Boost	Software	
Sparsity support	✓	Operating system architecture	64-bit
Windows Studio effects support	✓	Operating system installed *	Windows 11 Pro
AI software frameworks supported by NPU	DirectML, ONNX RT, OpenVINO, Windows ML	Battery	
Memory		Battery technology	Lithium Polymer (LiPo)
Internal memory *	32 GB	Number of battery cells	6
Internal memory type	LPDDR5x-SDRAM	Battery capacity *	69.5 Wh
Memory form factor	On-board	Battery voltage	11.7 V
Maximum internal memory *	32 GB	Battery recharge time	4 h
Memory channels	Dual-channel	Fast charging	✓
Memory data transfer rate	7467 MT/s	Battery weight	270 g
Storage		Power	
Total storage capacity *	1 TB	AC adapter power	100 W
Storage media *	SSD	AC adapter frequency	50 - 60 Hz
Total SSDs capacity	1 TB	AC adapter input voltage	100 - 240 V
Number of SSDs installed	1	USB Type-C charging port *	✓
SSD capacity	1 TB	USB Power Delivery (USB PD)	✓
SSD interface	PCI Express 4.0	USB charging voltage	5,9,15,20 V
NVMe	✓	Security	
SSD form factor	M.2	Fingerprint reader	✓
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 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	Certificates	
On-board graphics card model *	Intel Arc Graphics	Wi-Fi certified	✓
Audio		Sustainability	
Audio system	MaxxAudio	Sustainability certificates	ENERGY STAR, EPEAT Climate +, EPEAT Gold
Weight & dimensions			
		Width	320 mm
		Depth	216 mm
		Height (front)	6.7 mm
		Height (rear)	1.8 cm
		Weight *	1.8 kg
Packaging content			
		Cables included	AC



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