



## DELL XPS 17 9720 Intel® Core™ i9 i9-12900HK Laptop 43.2 cm (17") Touchscreen UHD+ 32 GB DDR5-SDRAM 1 TB SSD NVIDIA GeForce RTX 3050 Ti Wi-Fi 6 (802.11ax) Windows 11 Pro Black, Platinum, Silver



Brand : DELL

Product family: XPS

Product code: 273834117

Product name : 9720

- Windows 11 Pro 64-bit  
- Intel Core i9-12900HK (24MB Cache)  
- 43.2 cm (17") UHD+ 3840 x 2400 WVA Touch, NVIDIA GeForce RTX 3050 Ti (4GB GDDR6)  
- 32GB (4800MHz) DDR5-SDRAM & 1000GB SSD  
Intel Core i9-12900HK (24MB Cache), 32GB DDR5-SDRAM, 1000GB SSD, 43.2 cm (17") UHD+ 3840 x 2400 WVA Touch, Intel Iris Xe Graphics, NVIDIA GeForce RTX 3050 Ti (4GB GDDR6), WLAN, Webcam, Windows 11 Pro 64-bit

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### Colossal power and performance

Fuel even the most intensive creative projects with up to 12th Gen Intel® Core™ processors, NVIDIA® GeForce RTX™ graphics and DDR5 memory. Our most powerful XPS laptop to date. Dell Performance helps unlock access to four modes—quiet, performance, cool and optimized. Each mode tailors fan speeds and battery life, with performance mode unlocking the full power of your PC.

Design		Network	
Product type *	Laptop	Mobile network connection *	✗
Product colour *	Black, Platinum, Silver	Wi-Fi data rate (max)	2400 Mbit/s
Form factor *	Clamshell	Antenna type	2x2
Housing material	Aluminium	WLAN controller model	Intel Wi-Fi 6E AX211
Display		WLAN controller manufacturer	Intel
Display diagonal *	43.2 cm (17")	Bluetooth	✓
Display resolution *	3840 x 2400 pixels	Bluetooth version	5.2
Touchscreen *	✓	Ports & interfaces	
HD type	UHD+	Thunderbolt 4 ports quantity	4
Panel type	WVA	Intel® Thunderbolt 4	✓
LED backlight	✓	Combo headphone/mic port	✓
Native aspect ratio	16:10	USB Type-C DisplayPort Alternate Mode	✓
Display brightness	500 cd/m²	Keyboard	
Pixel density	266 ppi	Pointing device	Touchpad
RGB colour space	Adobe RGB	Numeric keypad *	✗
Colour gamut	100%	Keyboard backlit	✓
Maximum refresh rate	60 Hz	Software	
Contrast ratio (typical)	1600:1	Operating system architecture	64-bit
Processor		Operating system installed *	Windows 11 Pro
Processor manufacturer *	Intel	Processor special features	
Processor family *	Intel® Core™ i9	Intel Flex Memory Access	✓
Processor generation	12th gen Intel® Core™ i9	Intel Trusted Execution Technology	✓
Processor model *	i9-12900HK	Intel VT-x with Extended Page Tables (EPT)	✓
Processor cores	14	Execute Disable Bit	✓
Processor boost frequency	5 GHz	CPU configuration (max)	1
Processor cache	24 MB	Embedded options available	✗
Configurable TDP-down	35 W	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Memory			
Internal memory *	32 GB		
Internal memory type	DDR5-SDRAM		
Memory clock speed	4800 MHz		

Memory		Processor special features	
Memory form factor	SO-DIMM	Intel Virtualization Technology (VT-x)	✓
Memory slots	2x SO-DIMM		
Maximum internal memory *	64 GB		
Memory channels	Dual-channel		
Storage		Battery	
Total storage capacity *	1 TB	Battery technology	Lithium-Ion (Li-Ion)
Storage media *	SSD	Number of battery cells	6
Total SSDs capacity	1 TB	Battery capacity *	97 Wh
Number of SSDs installed	1	Battery voltage	11.4 V
SSD capacity	1 TB	Battery recharge time	4 h
SSD interface	NVMe, PCI Express	Fast charging	✓
NVMe	✓	Battery weight	385 g
SSD form factor	M.2		
Optical drive type *	✗	Power	
Card reader integrated	✓	AC adapter power	130 W
Compatible memory cards	SD, SDHC, SDXC	AC adapter frequency	50 - 60 Hz
		AC adapter input voltage	100 - 240 V
Graphics		USB Type-C charging port *	✓
Discrete graphics card model *	NVIDIA GeForce RTX 3050 Ti	USB Power Delivery (USB PD)	✓
Discrete graphics card memory	4 GB	USB charging voltage	20,5 V
Discrete graphics memory type	GDDR6	USB charging current	6.5 A
On-board graphics card *	✓		
Discrete graphics card *	✓	Security	
On-board graphics card model *	Intel Iris Xe Graphics	Cable lock slot	✓
		Fingerprint reader	✓
Audio		Password protection	✓
Audio chip	Realtek ALC711-CG		
Number of built-in speakers	4	Operational conditions	
Built-in microphone	✓	Operating temperature (T-T)	0 - 35 °C
Number of microphones	2	Storage temperature (T-T)	-40 - 65 °C
		Operating relative humidity (H-H)	10 - 90%
Camera		Storage relative humidity (H-H)	0 - 95%
Front camera	✓	Operating altitude	-15.2 - 3048 m
Front camera resolution (numeric)	0.9 MP	Non-operating altitude	-15.2 - 10668 m
Front camera resolution	1280 x 720 pixels	Operating shock	110 G
Front camera HD type	HD	Non-operating shock	160 G
Video capturing speed	30 fps	Operating vibration	0.66 G
Infrared (IR) camera	✓	Non-operating vibration	1.3 G
Network		Weight & dimensions	
Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)	Width	374.5 mm
Wi-Fi standards	802.11a, Wi-Fi 5 (802.11ac), 802.11b, Wi-Fi 6 (802.11ax), 802.11g, Wi-Fi 4 (802.11n)	Depth	248.1 mm
		Height (front)	8.67 mm
		Height (rear)	1.31 cm
		Weight *	2.57 kg

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