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
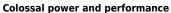
Brand : DELL   **Product family:** XPS   **Product code:** 273834117

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

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:

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	
Product type *	Laptop
Product colour *	Black, Platinum, Silver
Form factor *	Clamshell
Housing material	Aluminium

Display	
Display diagonal *	43.2 cm (17")
Display resolution *	3840 x 2400 pixels
Touchscreen *	✔
HD type	UHD+
Panel type	WVA
LED backlight	✔
Native aspect ratio	16:10
Display brightness	500 cd/m²
Pixel density	266 ppi
RGB colour space	Adobe RGB
Colour gamut	100%
Maximum refresh rate	60 Hz
Contrast ratio (typical)	1600:1

Processor	
Processor manufacturer *	Intel
Processor family *	Intel® Core™ i9
Processor generation	12th gen Intel® Core™ i9
Processor model *	i9-12900HK
Processor cores	14
Processor boost frequency	5 GHz
Processor cache	24 MB
Configurable TDP-down	35 W

Memory	
Internal memory *	32 GB
Internal memory type	DDR5-SDRAM
Memory clock speed	4800 MHz

Network	
Mobile network connection *	✗
Wi-Fi data rate (max)	2400 Mbit/s
Antenna type	2x2
WLAN controller model	Intel Wi-Fi 6E AX211
WLAN controller manufacturer	Intel
Bluetooth	✔
Bluetooth version	5.2

Ports & interfaces	
Thunderbolt 4 ports quantity	4
Intel® Thunderbolt 4	✔
Combo headphone/mic port	✔
USB Type-C DisplayPort Alternate Mode	✔

Keyboard	
Pointing device	Touchpad
Numeric keypad *	✗
Keyboard backlit	✔

Software	
Operating system architecture	64-bit
Operating system installed *	Windows 11 Pro

Processor special features	
Intel Flex Memory Access	✔
Intel Trusted Execution Technology	✔
Intel VT-x with Extended Page Tables (EPT)	✔
Execute Disable Bit	✔
CPU configuration (max)	1
Embedded options available	✗
Intel Virtualization Technology for Directed I/O (VT-d)	✔

Memory

Memory form factor	SO-DIMM
Memory slots	2x SO-DIMM
Maximum internal memory *	64 GB
Memory channels	Dual-channel

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	NVMe, PCI Express
NVMe	✔
SSD form factor	M.2
Optical drive type *	✘
Card reader integrated	✔
Compatible memory cards	SD, SDHC, SDXC

Graphics

Discrete graphics card model *	NVIDIA GeForce RTX 3050 Ti
Discrete graphics card memory	4 GB
Discrete graphics memory type	GDDR6
On-board graphics card *	✔
Discrete graphics card *	✔
On-board graphics card model *	Intel Iris Xe Graphics

Audio

Audio chip	Realtek ALC711-CG
Number of built-in speakers	4
Built-in microphone	✔
Number of microphones	2

Camera

Front camera	✔
Front camera resolution (numeric)	0.9 MP
Front camera resolution	1280 x 720 pixels
Front camera HD type	HD
Video capturing speed	30 fps
Infrared (IR) camera	✔

Network

Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)
Wi-Fi standards	802.11a, Wi-Fi 5 (802.11ac), 802.11b, Wi-Fi 6 (802.11ax), 802.11g, Wi-Fi 4 (802.11n)

Processor special features

Intel Virtualization Technology (VT-x)	✔

Battery

Battery technology	Lithium-Ion (Li-Ion)
Number of battery cells	6
Battery capacity *	97 Wh
Battery voltage	11.4 V
Battery recharge time	4 h
Fast charging	✔
Battery weight	385 g

Power

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

Security

Cable lock slot	✔
Fingerprint reader	✔
Password protection	✔

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	374.5 mm
Depth	248.1 mm
Height (front)	8.67 mm
Height (rear)	1.31 cm
Weight *	2.57 kg