



DELL XPS 17 9720 Intel® Core™ i7 i7-12700H Laptop 43,2 cm (17") Full HD+ 16 GB DDR5-SDRAM 512 GB SSD NVIDIA GeForce RTX 3050 Wi-Fi 6 (802.11ax) Windows 11 Home English Black, Platinum, Silver



Brand : DELL

Product family: XPS

Product code:
NXPS179720_D_S2E

Product name : 9720

- Windows 11 Home 64-bit
- Intel Core i7-12700H (24MB Cache)
- 43.2 cm (17") Full HD+ 1920 x 1200 WVA, NVIDIA GeForce RTX 3050 (4GB GDDR6)
- 16GB (4800MHz) DDR5-SDRAM (2 x 8) & 512GB SSD
Intel Core i7-12700H (24MB Cache), 16GB DDR5-SDRAM, 512GB SSD, 43.2 cm (17") Full HD+ 1920 x 1200 WVA, Intel Iris Xe Graphics, NVIDIA GeForce RTX 3050 (4GB GDDR6), WLAN, Webcam, Windows 11 Home 64-bit

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Design		Network	
Product type *	Laptop	Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax)
Product colour *	Black, Platinum, Silver	Mobile network connection *	✗
Form factor *	Clamshell	Wi-Fi data rate (max)	2400 Mbit/s
Housing material	Aluminium	Antenna type	2x2
Display		WLAN controller model	Intel Wi-Fi 6E AX211
Display diagonal *	43,2 cm (17")	WLAN controller manufacturer	Intel
Display resolution *	1920 x 1200 pixels	Bluetooth	✓
Touchscreen *	✗	Bluetooth version	5.2
HD type	Full HD+	Ports & interfaces	
Panel type	WVA	Thunderbolt 4 ports quantity	4
LED backlight	✓	Intel® Thunderbolt 4	✓
Native aspect ratio	16:10	Combo headphone/mic port	✓
Display brightness	500 cd/m²	USB Type-C DisplayPort Alternate Mode	✓
Pixel pitch	0,1908 x 0,1908 mm	Keyboard	
Pixel density	133 ppi	Pointing device	Touchpad
RGB colour space	sRGB	Numeric keypad *	✗
Colour gamut	100%	Keyboard backlit	✓
Display response rise/fall	35 ms	Keyboard language	English
Maximum refresh rate	60 Hz	Software	
Contrast ratio (typical)	1650:1	Operating system architecture	64-bit
Processor		Operating system installed *	Windows 11 Home
Processor manufacturer *	Intel	Processor special features	
Processor family *	Intel® Core™ i7	Intel Flex Memory Access	✓
Processor generation	12th gen Intel® Core™ i7	Intel Trusted Execution Technology	✓
Processor model *	i7-12700H	Intel VT-x with Extended Page Tables (EPT)	✓
Processor cores	14	Execute Disable Bit	✓
Processor boost frequency	4,7 GHz		
Processor cache	24 MB		
Configurable TDP-down	35 W		
Memory			
Internal memory *	16 GB		

Memory		Processor special features	
Internal memory type	DDR5-SDRAM	CPU configuration (max)	1
Memory clock speed	4800 MHz	Embedded options available	✗
Memory form factor	SO-DIMM	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Memory layout (slots x size)	2 x 8 GB	Intel Virtualization Technology (VT-x)	✓
Memory slots	2x SO-DIMM		
Maximum internal memory *	64 GB		
Storage		Battery	
Total storage capacity *	512 GB	Number of battery cells	6
Storage media *	SSD	Battery capacity *	97 Wh
Total SSDs capacity	512 GB	Battery voltage	11,4 V
Number of SSDs installed	1	Battery recharge time	4 h
Solid-state drive capacity	512 GB	Fast charging	✓
Solid-state drive interface	PCI Express	Battery weight	385 g
NVMe	✓		
SSD form factor	M.2	Power	
Optical drive type *	✗	AC adapter power	130 W
Card reader integrated	✓	AC adapter frequency	50 - 60 Hz
Compatible memory cards	SD, SDHC, SDXC	AC adapter input voltage	100 - 240 V
Graphics		USB Type-C charging port *	✓
Discrete GPU manufacturer	NVIDIA	USB Power Delivery	✓
Discrete graphics card model *	NVIDIA GeForce RTX 3050	USB charging voltage	5,20 V
Discrete graphics card memory	4 GB	USB charging current	6.5 A
Discrete graphics memory type	GDDR6		
On-board graphics card *	✓	Security	
Discrete graphics card *	✓	Cable lock slot	✓
On-board graphics card model *	Intel Iris Xe Graphics	Fingerprint reader	✓
		Password protection	✓
Audio		Operational conditions	
Audio chip	Realtek ALC711-CG	Operating temperature (T-T)	0 - 35 °C
Number of built-in speakers	4	Storage temperature (T-T)	-40 - 65 °C
Speaker power	5 W	Operating relative humidity (H-H)	10 - 90%
Built-in microphone	✓	Storage relative humidity (H-H)	0 - 95%
Number of microphones	2	Operating altitude	-15,2 - 3048 m
Camera		Non-operating altitude	-15,2 - 10668 m
Front camera	✓	Operating shock	110 G
Front camera resolution (numeric)	0,9 MP	Non-operating shock	160 G
Front camera resolution	1280 x 720 pixels	Operating vibration	0,66 G
Front camera HD type	HD	Non-operating vibration	1,3 G
Video capturing speed	30 fps		
Infrared (IR) camera	✓	Weight & dimensions	
Network		Width	374,5 mm
Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)	Depth	248,1 mm
		Height (front)	8,67 mm
		Height (rear)	1,31 cm
		Weight *	2,57 kg
		Packaging content	
		Cables included	AC

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