



DELL XPS 15 9520 Intel® Core™ i7 i7-12700H Laptop 39.6 cm (15.6") Full HD+ 16 GB DDR5-SDRAM 512 GB SSD NVIDIA GeForce RTX 3050 Wi-Fi 6 (802.11ax) Windows 11 Pro Platinum, Silver

Brand : DELL

Product family: XPS

Product code: 3NCDY

Product name : 9520

- Windows 11 Pro 64-bit
 - Intel Core i7-12700H (24MB Cache)
 - 39.6 cm (15.6") 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, 39.6 cm (15.6") Full HD+ 1920 x 1200 WVA, Intel Iris Xe Graphics, NVIDIA GeForce RTX 3050 (4GB GDDR6), WLAN, Webcam, Windows 11 Pro 64-bit

DELL XPS 15 9520 Intel® Core™ i7 i7-12700H Laptop 39.6 cm (15.6") Full HD+ 16 GB DDR5-SDRAM 512 GB SSD NVIDIA GeForce RTX 3050 Wi-Fi 6 (802.11ax) Windows 11 Pro Platinum, Silver:

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Design		Network	
Product type *	Laptop	Antenna type	2x2
Product colour *	Platinum, Silver	WLAN controller model	Intel Wi-Fi 6E AX211
Form factor *	Clamshell	WLAN controller manufacturer	Intel
Housing material	Aluminium	Bluetooth	✓
Display		Bluetooth version	5.2
Display diagonal *	39.6 cm (15.6")	Ports & interfaces	
Display resolution *	1920 x 1200 pixels	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Touch screen *	✗	Thunderbolt 4 ports quantity	2
HD type	Full HD+	Intel® Thunderbolt 4	✓
Panel type	WVA	Combo headphone/mic port	✓
LED backlight	✓	USB Type-C DisplayPort Alternate Mode	✓
Native aspect ratio	16:10	Keyboard	
Anti-glare screen	✓	Pointing device	Touchpad
Display brightness	500 cd/m²	Numeric keypad *	✗
Pixel density	145 ppi	Keyboard backlight	✓
RGB colour space	sRGB	Software	
Color gamut	100%	Operating system architecture	64-bit
Maximum refresh rate	60 Hz	Operating system installed *	Windows 11 Pro
Contrast ratio (typical)	1650:1	Processor special features	
Processor		Intel Flex Memory Access	✓
Processor manufacturer *	Intel	Intel Trusted Execution Technology	✓
Processor family *	Intel® Core™ i7	Intel VT-x with Extended Page Tables (EPT)	✓
Processor generation	12th gen Intel® Core™ i7	Execute Disable Bit	✓
Processor *	i7-12700H	CPU configuration (max)	1
Processor number of cores	14		
Processor boost frequency	4.7 GHz		
Processor cache	24 MB		
Configurable TDP-down	35 W		

Memory		Processor special features	
Internal memory *	16 GB	Embedded options available	✗
Internal memory type	DDR5-SDRAM	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Memory clock speed	4800 MHz	Intel Virtualization Technology (VT-x)	✓
Memory form factor	SO-DIMM		
Memory layout (slots x size)	2 x 8 GB		
Memory slots	2x SO-DIMM		
Maximum internal memory *	64 GB		
Memory channels	Dual-channel		
Storage		Battery	
Total storage capacity *	512 GB	Battery technology	Lithium-Ion (Li-Ion)
Storage media *	SSD	Number of battery cells	6
Total SSDs capacity	512 GB	Battery capacity *	86 Wh
Number of SSDs installed	1	Battery voltage	11.4 V
Solid-state drive capacity	512 GB	Battery life (max)	13 h
Solid-state drive interfaces	PCI Express	Battery recharge time	2 h
NVMe	✓	Quick charge	✓
SSD form factor	M.2	Battery charge indicator	✓
Optical drive type *	✗	Battery weight	340 g
Card reader integrated	✓		
Compatible memory cards	SD, SDHC, SDXC		
Graphics		Energy Management	
Discrete graphics card model *	NVIDIA GeForce RTX 3050	AC adapter power	130 W
Discrete graphics card memory	4 GB	AC adapter frequency	50 - 60 Hz
Discrete graphics memory type	GDDR6	AC adapter input voltage	100 - 240 V
On-board graphics card *	✓	USB Type-C charging port *	✓
Discrete graphics card *	✓	USB Power Delivery (USB PD)	✓
On-board graphics card model *	Intel Iris Xe Graphics	USB charging voltage	20 V
		USB charging current	6.5 A
Audio		Security	
Audio chip	Realtek ALC3281	Cable lock slot	✓
Number of built-in speakers	4	Fingerprint reader	✓
Built-in microphone	✓		
Number of microphones	2		
Camera		Operational Conditions	
Front camera	✓	Operating temperature range (T-T)	0 - 35 °C
Front camera resolution (numeric)	0.9 MP	Storage temperature range (T-T)	-40 - 65 °C
Front camera resolution	1280 x 720 pixels	Operating relative humidity range	10 - 90%
Front camera HD type	HD	Storage relative humidity range	0 - 95%
Video capturing speed	30 fps	Operating altitude	-15.2 - 3048 m
Infrared (IR) camera	✓	Non-operating altitude	-15.2 - 10668 m
Network		Operating shock	140 G
Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)	Non-operating shock	160 G
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax)	Operating vibration	0.66 G
Mobile network connection *	✗	Non-operating vibration	1.3 G
Wi-Fi data rate (max)	2400 Mbit/s		
		Weight & Dimensions	
		Width	344.4 mm
		Depth	230.1 mm
		Height (front)	1.85 cm
		Height (rear)	1.17 cm
		Weight *	1.92 kg



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Catalog Object Cloud



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