



DELL Latitude 5450 Intel Core Ultra 7 165U Laptop 35.6 cm (14") Touchscreen Full HD 16 GB DDR5-SDRAM 512 GB SSD Wi-Fi 6E (802.11ax) Windows 11 Pro Silver

Brand : DELL

Product family: Latitude

Product code: 29JKP

Product name : 5450

- Windows 11 Pro 64-bit
- Intel Core Ultra 7 165U (12MB Cache)
- 35.6 cm (14") Full HD 1920 x 1080 IPS Touch
- 16GB DDR5-SDRAM & 512GB SSD
Intel Core Ultra 7 165U (12MB Cache), 16GB DDR5-SDRAM, 512GB SSD, 35.6 cm (14") Full HD 1920 x 1080 IPS Touch, Intel Graphics, LAN, WLAN, Webcam, Windows 11 Pro 64-bit

DELL Latitude 5450 Intel Core Ultra 7 165U Laptop 35.6 cm (14") Touchscreen Full HD 16 GB DDR5-SDRAM 512 GB SSD Wi-Fi 6E (802.11ax) Windows 11 Pro Silver:

Bringing work closer to you

14-inch laptop for intelligent, scalable performance. Featuring Intel® Core™ Ultra processors and FHD HDR camera options.

DELL Latitude 5450. Product type: Laptop, Form factor: Clamshell. Processor family: Intel Core Ultra 7, Processor model: 165U. Display diagonal: 35.6 cm (14"), HD type: Full HD, Display resolution: 1920 x 1080 pixels, Touchscreen. Internal memory: 16 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 512 GB, Storage media: SSD. On-board graphics card model: Intel® Graphics. Operating system installed: Windows 11 Pro. Product colour: Silver



Design		Audio	
Product type *	Laptop	Speaker power	2 W
Product colour *	Silver	Built-in microphone	✓
Form factor *	Clamshell	Number of microphones	2
Market positioning	Business	Camera	
Display		Front camera	✓
Display diagonal *	35.6 cm (14")	Front camera resolution (numeric)	2.07 MP
Display resolution *	1920 x 1080 pixels	Front camera resolution	1920 x 1080 pixels
Touchscreen *	✓	Front camera HD type	Full HD
HD type	Full HD	Video capturing speed	30 fps
Panel type	IPS	Privacy camera	✓
LED backlight	✓	Privacy type	Privacy shutter
Native aspect ratio	16:9	Network	
Anti-glare screen	✓	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Display brightness	300 cd/m²	Wi-Fi standards	Wi-Fi 5 (802.11ac), 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 6E (802.11ax)
Pixel density	157 ppi	Antenna type	2x2
RGB colour space	NTSC	WLAN controller model	Intel Wi-Fi 6E AX211
Colour gamut	72%	WLAN controller manufacturer	Intel
Maximum refresh rate	60 Hz	Ethernet LAN	✓
Contrast ratio (typical)	600:1	Ethernet LAN data rates	10,100,1000 Mbit/s
Processor		Bluetooth	✓
Processor manufacturer *	Intel	Ports & interfaces	
Processor family *	Intel Core Ultra 7	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Processor generation	Intel® Core™ Ultra (Series 1)	Ethernet LAN (RJ-45) ports	1
Processor model *	165U	HDMI ports quantity *	1
Processor cores	12	HDMI version	2.1
Processor threads	14		
Processor boost frequency	4.9 GHz		
Performance cores	2		

Processor		Ports & interfaces	
Efficient cores	8	Thunderbolt 4 ports quantity	2
Low Power Efficient-cores	2	Intel® Thunderbolt 4	✓
Performance-core Max Turbo Frequency	4.9 GHz	Combo headphone/mic port	✓
Efficient-core Max Turbo Frequency	3.8 GHz	USB Type-C DisplayPort Alternate Mode	✓
Low Power Efficient-core Max Turbo Frequency	2.1 GHz	PowerShare	✓
Performance-core base frequency	1.7 GHz	Keyboard	
Efficient-core base frequency	1.2 GHz	Pointing device	Touchpad
Low Power Efficient-core Base Frequency	700 MHz	Numeric keypad *	✗
Processor cache	12 MB	Software	
Processor cache type	Smart Cache	Operating system architecture	64-bit
Processor base power	15 W	Operating system installed *	Windows 11 Pro
Maximum turbo power	57 W	Battery	
Neural processor unit (NPU)		Number of battery cells	3
Neural processor unit (NPU)	Intel AI Boost	Battery capacity *	54 Wh
Maximum frequency NPU	1.4 GHz	Battery voltage	11.4 V
Sparsity support	✓	Battery recharge time	4 h
Windows Studio effects support	✓	Fast charging	✓
AI software frameworks supported by NPU	DirectML, ONNX RT, OpenVINO, Windows ML	Battery charge indicator	✓
		Battery weight	220 g
Memory		Power	
Internal memory *	16 GB	AC adapter power	65 W
Internal memory type	DDR5-SDRAM	AC adapter frequency	50 - 60 Hz
Memory form factor	SO-DIMM	AC adapter input voltage	100 - 240 V
Memory slots	2x SO-DIMM	USB Type-C charging port *	✓
Maximum internal memory *	64 GB	USB charging voltage	5,9,15,20 V
Storage		Security	
Total storage capacity *	512 GB	Cable lock slot	✓
Storage media *	SSD	Cable lock slot type	Wedge
Total SSDs capacity	512 GB	Trusted Platform Module (TPM)	✓
Number of SSDs installed	1	Trusted Platform Module (TPM) version	2.0
SSD capacity	512 GB	Password protection	✓
SSD interface	PCI Express 4.0	Operational conditions	
NVMe	✓	Operating temperature (T-T)	0 - 35 °C
SSD form factor	M.2	Storage temperature (T-T)	-40 - 65 °C
Optical drive type *	✗	Operating relative humidity (H-H)	10 - 90%
Graphics		Storage relative humidity (H-H)	0 - 95%
Discrete graphics card model *	Not available	Operating altitude	-15.2 - 3048 m
On-board graphics card *	✓	Non-operating altitude	-15.2 - 10668 m
On-board GPU manufacturer	Intel	Operating shock	110 G
Discrete graphics card *	✗	Non-operating shock	160 G
On-board graphics card family	Intel® Graphics	Operating vibration	0.66 G
On-board graphics card model *	Intel® Graphics	Non-operating vibration	1.3 G
Audio		Weight & dimensions	
Audio system	MaxxAudio Pro	Width	321.4 mm
Number of built-in speakers	2	Depth	212 mm
Speakers manufacturer	Waves	Height (front)	1.91 cm
		Height (rear)	2.1 cm
		Weight *	1.4 kg
		Packaging content	
		Cables included	AC



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