



DELL Latitude 5450 Intel Core Ultra 7 165U Laptop 35,6 cm (14") Full HD 16 GB DDR5-SDRAM 512 GB SSD Wi-Fi 6E (802.11ax) Windows 11 Pro Grey

Brand : DELL

Product family: Latitude

Article code: NKJX1

Product name : 5450

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. 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 color: Grey. Weight: 1,4 kg



Design		Network	
Product type *	Laptop	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Product colour *	Grey	Wi-Fi standards	802.11a, Wi-Fi 5 (802.11ac), 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 6E (802.11ax)
Form factor *	Clamshell		
Market positioning	Business	Mobile network connection *	✗
Intel® vPro™ Platform Eligibility	✓	Wi-Fi band	Tri-band (2.4 GHz / 5 GHz / 6 GHz)
Display		Wi-Fi data rate (max)	2400 Mbit/s
Display diagonal *	35.6 cm (14")	Antenna type	2x2
Display resolution *	1920 x 1080 pixels	WLAN controller model	Intel Wi-Fi 6E AX211
Touchscreen *	✗	WLAN controller manufacturer	Intel
HD type	Full HD	Ethernet LAN	✓
Panel type	IPS	Ethernet LAN data rates	10,100,1000 Mbit/s
LED backlight	✓	Bluetooth	✓
Native aspect ratio	16:9	WWAN	Upgradable
Anti-glare screen	✓	Ports & interfaces	
Display brightness	250 cd/m²	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Pixel density	157 ppi	Ethernet LAN (RJ-45) ports	1
RGB colour space	NTSC	HDMI ports quantity *	1
Colour gamut	45%	HDMI version	2.1
Maximum refresh rate	60 Hz	Thunderbolt 4 ports quantity	2
Contrast ratio (typical)	600:1	Combo headphone/mic port	✓
Processor		Charging port type	USB Type-C
Processor manufacturer *	Intel	USB Type-C DisplayPort Alternate Mode	✓
Processor family *	Intel Core Ultra 7	PowerShare	✓
Processor generation	Intel® Core™ Ultra (Series 1)	Number of USB ports with PowerShare support	1
Processor model *	165U		
Processor cores	12		
Processor threads	14		

Processor		Keyboard	
Processor boost frequency	4.9 GHz	Pointing device	Touchpad
Performance cores	2	Keyboard language	French
Efficient cores	8	Numeric keypad *	✗
Low Power Efficient-cores	2	Keyboard backlit	✓
Performance-core Max Turbo Frequency	4.9 GHz	Keyboard number of keys	80
Efficient-core Max Turbo Frequency	3.8 GHz	Copilot key	✓
Low Power Efficient-core Max Turbo Frequency	2.1 GHz	Software	
Performance-core base frequency	1.7 GHz	Operating system architecture	64-bit
Efficient-core base frequency	1.2 GHz	Operating system language	Multilingual
Low Power Efficient-core Base Frequency	700 MHz	Trial software	No anti-virus software, No Microsoft Office License Included 30 day Trial Offer Only
Processor cache	12 MB	Operating system installed *	Windows 11 Pro
Processor cache type	Smart Cache	Microsoft Copilot	✓
Processor base power	15 W	Brand-specific features	
Maximum turbo power	57 W	Brand specific technologies	Control Vault 3+, Express Charge Boost capable, ExpressSign-In, HDR Camera, TNR
Neural processor unit (NPU)		Battery	
Neural processor unit (NPU)	Intel AI Boost	Battery technology	Lithium-Ion (Li-Ion)
Maximum frequency NPU	1.4 GHz	Number of battery cells	3
Sparsity support	✓	Battery capacity *	54 Wh
Windows Studio effects support	✓	Battery voltage	11.4 V
AI datatype support on NPU	FP16, FP32, Int8	Battery recharge time	4 h
AI software frameworks supported by NPU	DirectML, ONNX RT, OpenVINO, Windows ML	Fast charging	✓
Memory		Battery weight	220 g
Internal memory *	16 GB	Power	
Internal memory type	DDR5-SDRAM	AC adapter power	65 W
Memory form factor	SO-DIMM	AC adapter frequency	50/60 Hz
Memory layout (slots x size)	2 x 8 GB	AC adapter input voltage	100 - 240 V
Memory slots	2x SO-DIMM	Security	
Maximum internal memory *	64 GB	Cable lock slot	✓
Memory data transfer rate	5600 MT/s	Cable lock slot type	Wedge
Storage		Fingerprint reader	✓
Total storage capacity *	512 GB	Smart card reader	✓
Storage media *	SSD	Trusted Platform Module (TPM)	✓
Total SSDs capacity	512 GB	Trusted Platform Module (TPM) version	2.0
Number of SSDs installed	1	Dell ControlVault	✓
SSD capacity	512 GB	Operational conditions	
SSD memory type	TLC	Operating temperature (T-T)	0 - 35 °C
SSD interface	PCI Express 4.0	Storage temperature (T-T)	-40 - 65 °C
NVMe	✓	Operating relative humidity (H-H)	0 - 90%
SSD form factor	M.2	Storage relative humidity (H-H)	0 - 95%
Optical drive type *	✗	Operating altitude	-15.2 - 3048 m
Card reader integrated	✗	Non-operating altitude	-15.2 - 10668 m
Graphics		Operating shock	110 G
Discrete graphics card model *	Not available	Non-operating shock	160 G
On-board graphics card *	✓	Operating vibration	0.66 G
On-board GPU manufacturer	Intel	Non-operating vibration	1.3 G
Discrete graphics card *	✗	Sustainability	
On-board graphics card family	Intel Graphics	Sustainability compliance	✓
On-board graphics card model *	Intel Graphics	Sustainability certificates	EPEAT Climate +, EPEAT Gold
Audio		Weight & dimensions	
Audio system	MaxxAudio Pro	Width	321.4 mm
Number of built-in speakers	2	Depth	212 mm
Speakers manufacturer	Waves		
Speaker power	2 W		
Built-in microphone	✓		

Audio		Weight & dimensions	
Number of microphones	2	Height (front)	1.91 cm
Camera		Height (rear)	2.1 cm
Front camera	✓	Weight *	1.4 kg
Front camera resolution (numeric)	2.07 MP	Carbon footprint	
Front camera resolution	1920 x 1080 pixels	Total carbon footprint (kg of CO2e)	111
Front camera HD type	Full HD	Carbon emissions, manufacturing (kg of CO2e)	81
Video capturing speed	30 fps	Carbon emissions, logistics (kg of CO2e)	4
Infrared (IR) camera	✓	Carbon emissions, energy usage (kg of CO2e)	24
Privacy camera	✓	Carbon emissions, end-of-life (kg of CO2e)	2
Privacy type	Privacy shutter	Total carbon emissions, w/o use phase (kg of CO2e)	87
		PAIA version	GaBi verison1
Packaging content			
		Cables included	AC



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