



DELL Latitude 5450 Intel Core Ultra 5 125U Laptop 35,6 cm (14") Full HD 8 GB DDR5-SDRAM 512 GB SSD Wi-Fi 6E (802.11ax) Windows 11 Pro Grey

Brand : DELL

Product family: Latitude

Article code: GDJV3

Product name : 5450

DELL Latitude 5450. Product type: Laptop, Form factor: Clamshell. Processor family: Intel Core Ultra 5, Processor model: 125U. Display diagonal: 35,6 cm (14"), HD type: Full HD, Display resolution: 1920 x 1080 pixels. Internal memory: 8 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 *	✗
Display		Wi-Fi band	Tri-band (2.4 GHz / 5 GHz / 6 GHz)
Display diagonal *	35.6 cm (14")	Wi-Fi data rate (max)	2400 Mbit/s
Display resolution *	1920 x 1080 pixels	Antenna type	2x2
Touchscreen *	✗	WLAN controller model	Intel Wi-Fi 6E AX211
HD type	Full HD	WLAN controller manufacturer	Intel
Panel type	IPS	Ethernet LAN	✓
LED backlight	✓	Ethernet LAN data rates	10,100,1000 Mbit/s
Native aspect ratio	16:9	Bluetooth	✓
Anti-glare screen	✓	WWAN	Upgradable
Display brightness	250 cd/m²	Ports & interfaces	
Pixel density	157 ppi	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
RGB colour space	NTSC	Ethernet LAN (RJ-45) ports	1
Colour gamut	45%	HDMI ports quantity *	1
Maximum refresh rate	60 Hz	HDMI version	2.1
Contrast ratio (typical)	600:1	Thunderbolt 4 ports quantity	2
Processor		Combo headphone/mic port	✓
Processor manufacturer *	Intel	Charging port type	USB Type-C
Processor family *	Intel Core Ultra 5	USB Type-C DisplayPort Alternate Mode	✓
Processor generation	Intel® Core™ Ultra (Series 1)	PowerShare	✓
Processor model *	125U	Number of USB ports with PowerShare support	1
Processor cores	12		
Processor threads	14		
Processor boost frequency	4.3 GHz		
Performance cores	2		

Processor		Keyboard	
Efficient cores	8	Pointing device	Touchpad
Low Power Efficient-cores	2	Keyboard language	French
Performance-core Max Turbo Frequency	4.3 GHz	Numeric keypad *	✗
Efficient-core Max Turbo Frequency	3.6 GHz	Keyboard backlit	✓
Low Power Efficient-core Max Turbo Frequency	2.1 GHz	Keyboard number of keys	80
Performance-core base frequency	1.3 GHz	Copilot key	✓
Efficient-core base frequency	0.8 GHz	Software	
Low Power Efficient-core Base Frequency	700 MHz	Operating system architecture	64-bit
Processor cache	12 MB	Operating system language	Multilingual
Processor cache type	Smart Cache	Trial software	No anti-virus software,No Microsoft Office License Included 30 day Trial Offer Only
Processor base power	15 W	Operating system installed *	Windows 11 Pro
Maximum turbo power	57 W	Microsoft Copilot	✓
Neural processor unit (NPU)		Brand-specific features	
Neural processor unit (NPU)	Intel AI Boost	Brand specific technologies	Control Vault 3+, Express Charge Boost capable, ExpressSign-In, HDR Camera, TNR
Maximum frequency NPU	1.4 GHz		
Sparsity support	✓		
Windows Studio effects support	✓	Battery	
AI datatype support on NPU	FP16, FP32, Int8	Battery technology	Lithium-Ion (Li-Ion)
AI software frameworks supported by NPU	DirectML, ONNX RT, OpenVINO, Windows ML	Number of battery cells	3
Memory		Battery capacity *	54 Wh
Internal memory *	8 GB	Battery voltage	11.4 V
Internal memory type	DDR5-SDRAM	Battery recharge time	4 h
Memory form factor	SO-DIMM	Fast charging	✓
Memory layout (slots x size)	1 x 8 GB	Battery weight	220 g
Memory slots	2x SO-DIMM	Power	
Maximum internal memory *	64 GB	AC adapter power	65 W
Memory data transfer rate	5600 MT/s	AC adapter frequency	50/60 Hz
Storage		AC adapter input voltage	100 - 240 V
Total storage capacity *	512 GB	Security	
Storage media *	SSD	Cable lock slot	✓
Total SSDs capacity	512 GB	Cable lock slot type	Wedge
Number of SSDs installed	1	Trusted Platform Module (TPM)	✓
SSD capacity	512 GB	Trusted Platform Module (TPM) version	2.0
SSD memory type	TLC	Operational conditions	
SSD interface	PCI Express 4.0	Operating temperature (T-T)	0 - 35 °C
NVMe	✓	Storage temperature (T-T)	-40 - 65 °C
SSD form factor	M.2	Operating relative humidity (H-H)	0 - 90%
Optical drive type *	✗	Storage relative humidity (H-H)	0 - 95%
Card reader integrated	✗	Operating altitude	-15.2 - 3048 m
Graphics		Non-operating altitude	-15.2 - 10668 m
Discrete graphics card model *	Not available	Operating shock	110 G
On-board graphics card *	✓	Non-operating shock	160 G
On-board GPU manufacturer	Intel	Operating vibration	0.66 G
Discrete graphics card *	✗	Non-operating vibration	1.3 G
On-board graphics card family	Intel Graphics	Sustainability	
On-board graphics card model *	Intel Graphics	Sustainability compliance	✓
Audio		Sustainability certificates	EPEAT Climate +, EPEAT Gold
Audio system	MaxxAudio Pro	Weight & dimensions	
Number of built-in speakers	2	Width	321.4 mm
Speakers manufacturer	Waves	Depth	212 mm
Speaker power	2 W	Height (front)	1.91 cm
Built-in microphone	✓	Height (rear)	2.1 cm
Number of microphones	2	Weight *	1.4 kg

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



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Publication date: 07-DEC-2024. Prints or copies of Information are only valid on the printed Publication date