



## DELL Latitude 5450 Intel Core Ultra 5 125U 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

Product code: 6NYXV

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: 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: Grey. Weight: 1.4 kg

Design		Camera	
Product type *	Laptop	Privacy type	Privacy shutter
Product colour *	Grey	<b>Network</b>	
Form factor *	Clamshell	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Market positioning	Business	Wi-Fi standards	Wi-Fi 5 (802.11ac), 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 6E (802.11ax)
Display		Mobile network connection *	✗
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/m <sup>2</sup>	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	Intel® Thunderbolt 4	✓
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		
Processor cores	12		
Processor threads	14		
Processor boost frequency	4.3 GHz		
Performance cores	2		

<b>Processor</b>		<b>Keyboard</b>	
Efficient cores	8	Pointing device	Touchpad
Low Power Efficient-cores	2	Keyboard language	Nordic
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	<b>Software</b>	
Low Power Efficient-core Base Frequency	700 MHz	Operating system architecture	64-bit
Processor cache	12 MB	Operating system language	Danish, English, Finnish, Norwegian, Swedish
Processor cache type	Smart Cache	Trial software	No Microsoft Office Licence Included - 30 day Trial Offer Only
Processor base power	15 W	Operating system installed *	Windows 11 Pro
Maximum turbo power	57 W	Microsoft Copilot	✓
<b>Neural processor unit (NPU)</b>		<b>Battery</b>	
Neural processor unit (NPU)	Intel AI Boost	Number of battery cells	3
Maximum frequency NPU	1.4 GHz	Battery capacity *	54 Wh
Sparsity support	✓	Battery voltage	11.4 V
Windows Studio effects support	✓	Battery recharge time	4 h
AI datatype support on NPU	FP16, FP32, Int8	Fast charging	✓
AI software frameworks supported by NPU	DirectML, ONNX RT, OpenVINO, Windows ML	Battery charge indicator	✓
<b>Memory</b>		Battery weight	220 g
Internal memory *	16 GB	<b>Power</b>	
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	USB charging voltage	5,9,15,20 V
Maximum internal memory *	64 GB	<b>Security</b>	
Memory data transfer rate	5600 MT/s	Cable lock slot	✓
<b>Storage</b>		Cable lock slot type	Wedge
Total storage capacity *	512 GB	Fingerprint reader	✓
Storage media *	SSD	Smart card reader	✓
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 memory type	TLC	<b>Operational conditions</b>	
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)	10 - 90%
M.2 SSD size	2230 (22 x 30 mm)	Storage relative humidity (H-H)	0 - 95%
Optical drive type *	✗	Operating altitude	-15.2 - 3048 m
<b>Graphics</b>		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 model *	Intel Graphics	<b>Weight &amp; dimensions</b>	
<b>Audio</b>		Width	321.4 mm
Audio system	MaxxAudio Pro	Depth	212 mm
Number of built-in speakers	2	Height (front)	1.91 cm
Speakers manufacturer	Waves	Height (rear)	2.1 cm
Speaker power	2 W	Weight *	1.4 kg
Built-in microphone	✓	<b>Carbon footprint</b>	
Number of microphones	2	Total carbon footprint (kg of CO2e)	111

Camera		Carbon footprint	
Front camera	✓	Carbon emissions, manufacturing (kg of CO2e)	81
Front camera resolution (numeric)	2.07 MP	Carbon emissions, logistics (kg of CO2e)	4
Front camera resolution	1920 x 1080 pixels	Carbon emissions, energy usage (kg of CO2e)	24
Front camera HD type	Full HD	Carbon emissions, end-of-life (kg of CO2e)	2
Video capturing speed	30 fps	Total carbon emissions, w/o use phase (kg of CO2e)	87
Infrared (IR) camera	✓	PAIA version	GaBi version 1, 2024
Privacy camera	✓		
Packaging content			
Cables included			AC



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