



DELL Latitude 5450 Intel Core Ultra 7 165U Laptop 35.6 cm (14") Full HD 32 GB DDR5-SDRAM 512 GB SSD Wi-Fi 6E (802.11ax) Windows 11 Pro Grey

Brand : DELL

Product family: Latitude

Product code: JV6Y1

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

- 32GB DDR5-SDRAM (2 x 16) & 512GB SSD

Intel Core Ultra 7 165U (12MB Cache), 32GB DDR5-SDRAM, 512GB SSD, 35.6 cm (14") Full HD 1920 x 1080 IPS, Intel Graphics, LAN, WLAN, Webcam, Windows 11 Pro 64-bit

DELL Latitude 5450 Intel Core Ultra 7 165U Laptop 35.6 cm (14") Full HD 32 GB DDR5-SDRAM 512 GB SSD Wi-Fi 6E (802.11ax) Windows 11 Pro Grey:

Work from anywhere with our most intelligent and secure business laptops sustainably designed for productivity on the go.

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: 32 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		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	Mobile network connection *	✗
Market positioning	Business	Wi-Fi band	Tri-band (2.4 GHz / 5 GHz / 5 GHz)
Intel® vPro™ Platform Eligibility	✓	Wi-Fi data rate (max)	2400 Mbit/s
Display		Antenna type	2x2
Display diagonal *	35.6 cm (14")	WLAN controller model	Intel Wi-Fi 6E AX211
Display resolution *	1920 x 1080 pixels	WLAN controller manufacturer	Intel
Touchscreen *	✗	Ethernet LAN	✓
HD type	Full HD	Ethernet LAN data rates	10,100,1000 Mbit/s
Panel type	IPS	Bluetooth	✓
LED backlight	✓	WWAN	Upgradable
Native aspect ratio	16:9	Ports & interfaces	
Anti-glare screen	✓	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Display brightness	250 cd/m ²	Ethernet LAN (RJ-45) ports	1
Pixel density	157 ppi	HDMI ports quantity *	1
RGB colour space	NTSC	HDMI version	2.1
Colour gamut	45%	Thunderbolt 4 ports quantity	2
Maximum refresh rate	60 Hz	Combo headphone/mic port	✓
Contrast ratio (typical)	600:1	Charging port type	USB Type-C
Processor		USB Type-C DisplayPort Alternate Mode	✓
Processor manufacturer *	Intel	PowerShare	✓
Processor family *	Intel Core Ultra 7	Number of USB ports with PowerShare support	1
Processor generation	Intel® Core™ Ultra (Series 1)		
Processor model *	165U		
Processor cores	12		
Processor threads	14		
Processor boost frequency	4.9 GHz		

Processor		Keyboard	
Performance cores	2	Pointing device	Touchpad
Efficient cores	8	Keyboard language	UK English
Low Power Efficient-cores	2	Numeric keypad *	✘
Performance-core Max Turbo Frequency	4.9 GHz	Keyboard backlit	✓
Efficient-core Max Turbo Frequency	3.8 GHz	Keyboard number of keys	80
Low Power Efficient-core Max Turbo Frequency	2.1 GHz	Copilot key	✓
Performance-core base frequency	1.7 GHz	Software	
Efficient-core base frequency	1.2 GHz	Operating system architecture	64-bit
Low Power Efficient-core Base Frequency	700 MHz	Operating system language	German, Dutch, English, French, Italian
Processor cache	12 MB	Trial software	No anti-virus software, No Microsoft Office License Included 30 day Trial Offer Only
Processor cache type	Smart Cache	Operating system installed *	Windows 11 Pro
Processor base power	15 W	Microsoft Copilot	✓
Maximum turbo power	57 W	Brand-specific features	
Neural processor unit (NPU)		Brand specific technologies	Control Vault 3+, Express Charge Boost capable, ExpressSign-In, HDR Camera, TNR
Neural processor unit (NPU)	Intel AI Boost	Battery	
Maximum frequency NPU	1.4 GHz	Battery technology	Lithium-Ion (Li-Ion)
Sparsity support	✓	Number of battery cells	3
Windows Studio effects support	✓	Battery capacity *	54 Wh
AI datatype support on NPU	FP16, FP32, Int8	Battery voltage	11.4 V
AI software frameworks supported by NPU	DirectML, ONNX RT, OpenVINO, Windows ML	Battery recharge time	4 h
Memory		Fast charging	✓
Internal memory *	32 GB	Battery weight	220 g
Internal memory type	DDR5-SDRAM	Power	
Memory form factor	SO-DIMM	AC adapter power	65 W
Memory layout (slots x size)	2 x 16 GB	AC adapter frequency	50/60 Hz
Memory slots	2x SO-DIMM	AC adapter input voltage	100 - 240 V
Maximum internal memory *	64 GB	Security	
Memory data transfer rate	5600 MT/s	Cable lock slot	✓
Storage		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	Dell ControlVault	✓
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	✓		
Number of microphones	2		

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



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