



# 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		Camera	
Product type *	Laptop	Front camera	✓
Product colour *	Grey	Front camera resolution (numeric)	2.07 MP
Form factor *	Clamshell	Front camera resolution	1920 x 1080 pixels
Market positioning	Business	Front camera HD type	Full HD
Intel® vPro™ Platform Eligibility	✓	Video capturing speed	30 fps
Display		Infrared (IR) camera	✓
Display diagonal *	35.6 cm (14")	Privacy camera	✓
Display resolution *	1920 x 1080 pixels	Privacy type	Privacy shutter
Touchscreen *	✗	Network	
HD type	Full HD	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Panel type	IPS	Wi-Fi standards	Wi-Fi 5 (802.11ac), 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 6E (802.11ax)
LED backlight	✓	Mobile network connection *	✗
Native aspect ratio	16:9	Wi-Fi data rate (max)	2400 Mbit/s
Anti-glare screen	✓	Antenna type	2x2
Display brightness	250 cd/m <sup>2</sup>	WLAN controller model	Intel Wi-Fi 6E AX211
Pixel density	157 ppi	WLAN controller manufacturer	Intel
RGB colour space	NTSC	Ethernet LAN	✓
Colour gamut	45%	Ethernet LAN data rates	10,100,1000 Mbit/s
Maximum refresh rate	60 Hz	Bluetooth	✓
Contrast ratio (typical)	600:1	WWAN	Upgradable
Processor		Ports & interfaces	
Processor manufacturer *	Intel	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Processor family *	Intel Core Ultra 7	HDMI ports quantity *	1
Processor generation	Intel Core Ultra (Series 1)	HDMI version	2.1
Processor model *	165U	Thunderbolt 4 ports quantity	2
Processor cores	12	Combo headphone/mic port	✓
Processor threads	14		
Processor boost frequency	4.9 GHz		

<b>Processor</b>		<b>Ports &amp; interfaces</b>	
Performance cores	2	Charging port type	USB Type-C
Efficient cores	8	USB Type-C DisplayPort Alternate Mode	✓
Low Power Efficient-cores	2	PowerShare	✓
Performance-core Max Turbo Frequency	4.9 GHz	Number of USB ports with PowerShare support	1
Efficient-core Max Turbo Frequency	3.8 GHz	<b>Keyboard</b>	
Low Power Efficient-core Max Turbo Frequency	2.1 GHz	Pointing device	Touchpad
Performance-core base frequency	1.7 GHz	Keyboard language	UK English
Efficient-core base frequency	1.2 GHz	Numeric keypad *	✗
Low Power Efficient-core Base Frequency	700 MHz	Keyboard backlit	✓
Processor cache	12 MB	Keyboard number of keys	80
Processor cache type	Smart Cache	<b>Software</b>	
Processor base power	15 W	Operating system architecture	64-bit
Maximum turbo power	57 W	Operating system language	Multilingual
<b>Neural processor unit (NPU)</b>		Trial software	No anti-virus software, No Microsoft Office License Included 30 day Trial Offer Only
Neural processor unit (NPU)	Intel AI Boost	Operating system installed *	Windows 11 Pro
Maximum frequency NPU	1.4 GHz	<b>Battery</b>	
Sparsity support	✓	Battery technology	Lithium-Ion (Li-Ion)
Windows Studio effects support	✓	Number of battery cells	3
AI datatype support on NPU	FP16, FP32, Int8	Battery capacity *	54 Wh
AI software frameworks supported by NPU	DirectML, ONNX RT, OpenVINO, Windows ML	Battery voltage	11.4 V
<b>Memory</b>		Battery recharge time	4 h
Internal memory *	32 GB	Fast charging	✓
Internal memory type	DDR5-SDRAM	Battery weight	220 g
Memory form factor	SO-DIMM	<b>Power</b>	
Memory layout (slots x size)	2 x 16 GB	AC adapter power	65 W
Memory slots	2x SO-DIMM	AC adapter frequency	50/60 Hz
Maximum internal memory *	64 GB	AC adapter input voltage	100 - 240 V
Memory data transfer rate	5600 MT/s	<b>Security</b>	
<b>Storage</b>		Cable lock slot	✓
Total storage capacity *	512 GB	Cable lock slot type	Wedge
Storage media *	SSD	Fingerprint reader	✓
Total SSDs capacity	512 GB	Smart card reader	✓
Number of SSDs installed	1	Trusted Platform Module (TPM)	✓
SSD capacity	512 GB	Trusted Platform Module (TPM) version	2.0
SSD memory type	TLC	Dell ControlVault	✓
SSD interface	PCI Express 4.0	<b>Operational conditions</b>	
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)	0 - 90%
Card reader integrated	✗	Storage relative humidity (H-H)	0 - 95%
<b>Graphics</b>		Operating altitude	-15.2 - 3048 m
Discrete graphics card model *	Not available	Non-operating altitude	-15.2 - 10668 m
On-board graphics card *	✓	Operating shock	110 G
On-board GPU manufacturer	Intel	Non-operating shock	160 G
Discrete graphics card *	✗	Operating vibration	0.66 G
On-board graphics card family	Intel Graphics	Non-operating vibration	1.3 G
On-board graphics card model *	Intel Graphics	<b>Sustainability</b>	
<b>Audio</b>		Sustainability compliance	✓
Audio system	MaxxAudio Pro	Sustainability certificates	EPEAT Climate +, EPEAT Gold
Number of built-in speakers	2	<b>Weight &amp; dimensions</b>	
Speakers manufacturer	Waves	Width	321.4 mm
Speaker power	2 W	Depth	212 mm
Built-in microphone	✓	Height (front)	1.91 cm
Number of microphones	2		

**Weight & dimensions**

Height (rear)	2.1 cm
Weight *	1.4 kg

**Packaging content**

Cables included	AC
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