



## 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

**Product code:** WR6KH

**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
- 16GB DDR5-SDRAM (2 x 8) & 512GB SSD

Intel Core Ultra 7 165U (12MB Cache), 16GB 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 16 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: 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	Front camera resolution	1920 x 1080 pixels
Product colour *	Grey	Front camera HD type	Full HD
Form factor *	Clamshell	Infrared (IR) camera	✓
Market positioning	Business	Privacy camera	✓
Intel® vPro™ Platform Eligibility	✓	Privacy type	Privacy shutter
Display		Network	
Display diagonal *	35.6 cm (14")	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Display resolution *	1920 x 1080 pixels	Wi-Fi standards	802.11a, Wi-Fi 5 (802.11ac), 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 6E (802.11ax)
Touchscreen *	✗	Mobile network connection *	✗
HD type	Full HD	Wi-Fi data rate (max)	2400 Mbit/s
Panel type	IPS	Antenna type	2x2
LED backlight	✓	WLAN controller model	Intel Wi-Fi 6E AX211
Native aspect ratio	16:9	WLAN controller manufacturer	Intel
Anti-glare screen	✓	Ethernet LAN	✓
Display brightness	250 cd/m²	Ethernet LAN data rates	10,100,1000 Mbit/s
Pixel pitch	0.161 x 0.161 mm	Bluetooth	✓
Pixel density	157 ppi	Ports & interfaces	
RGB colour space	NTSC	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Colour gamut	45%	Ethernet LAN (RJ-45) ports	1
Display response rise/fall	35 ms	HDMI ports quantity *	1
Maximum refresh rate	60 Hz	HDMI version	2.1
Contrast ratio (typical)	600:1	Thunderbolt 4 ports quantity	2
Processor		Intel® Thunderbolt 4	✓
Processor manufacturer *	Intel	Combo headphone/mic port	✓
Processor family *	Intel Core Ultra 7	Charging port type	USB Type-C
Processor generation	Intel® Core™ Ultra (Series 1)		
Processor model *	165U		
Processor cores	12		

Processor		Ports & interfaces	
Processor threads	14	USB Type-C DisplayPort Alternate Mode	✓
Processor boost frequency	4.9 GHz	USB Power Delivery	✓
Performance cores	2	PowerShare	✓
Efficient cores	8	Number of USB ports with PowerShare support	1
Low Power Efficient-cores	2		
Performance-core Max Turbo Frequency	4.9 GHz		
Efficient-core Max Turbo Frequency	3.8 GHz		
Low Power Efficient-core Max Turbo Frequency	2.1 GHz		
Performance-core base frequency	1.7 GHz		
Efficient-core base frequency	1.2 GHz		
Low Power Efficient-core Base Frequency	700 MHz		
Processor cache	12 MB		
Processor cache type	Smart Cache		
Processor base power	15 W		
Maximum turbo power	57 W		
Neural processor unit (NPU)		Performance	
Neural processor unit (NPU)	Intel AI Boost	Motherboard chipset	Intel SoC
Maximum frequency NPU	1.4 GHz	Ambient light sensor	✓
Sparsity support	✓		
Windows Studio effects support	✓		
AI software frameworks supported by NPU	DirectML, ONNX RT, OpenVINO, Windows ML		
Memory		Keyboard	
Internal memory *	16 GB	Pointing device	Touchpad
Internal memory type	DDR5-SDRAM	Keyboard language	UK English
Memory form factor	SO-DIMM	Numeric keypad *	✗
Memory layout (slots x size)	2 x 8 GB	Keyboard backlit	✓
Memory slots	2x SO-DIMM	Keyboard number of keys	80
Maximum internal memory *	64 GB	Copilot key	✓
Memory data transfer rate	5600 MT/s		
Storage		Software	
Total storage capacity *	512 GB	Operating system architecture	64-bit
Storage media *	SSD	Operating system language	German, Dutch, English, French, Italian
Total SSDs capacity	512 GB	Trial software	Activate Your Microsoft 365 For A 30 Day Trial
Number of SSDs installed	1	Operating system installed *	Windows 11 Pro
SSD capacity	512 GB	Microsoft Copilot	✓
SSD memory type	TLC		
SSD interface	PCI Express 4.0		
NVMe	✓		
SSD form factor	M.2		
M.2 SSD size	2230 (22 x 30 mm)		
Optical drive type *	✗		
Card reader integrated	✗		
Graphics		Brand-specific features	
Discrete graphics card model *	Not available	Brand specific technologies	Control Vault 3+, Express Charge Boost capable, ExpressSign-In, TNR
On-board graphics card *	✓		
On-board GPU manufacturer	Intel		
Discrete graphics card *	✗		
On-board graphics card family	Intel Graphics		
On-board graphics card model *	Intel Graphics		
Audio		Battery	
Audio system	MaxxAudio Pro	Number of battery cells	3
Number of built-in speakers	2	Battery capacity *	54 Wh
Speakers manufacturer	Waves	Battery voltage	11.4 V
Speaker power	2 W	Battery recharge time	3 h
Built-in microphone	✓	Fast charging	✓
		Battery weight	220 g
		Power	
		AC adapter power	65 W
		AC adapter frequency	50/60 Hz
		AC adapter input voltage	100 - 240 V
		USB charging voltage	20,5,9,15 V
		USB charging current	3.25 A
		Security	
		Cable lock slot	✓
		Cable lock slot type	Wedge
		Fingerprint reader	✓
		Smart card reader	✓
		Trusted Platform Module (TPM)	✓
		Trusted Platform Module (TPM) version	2.0
		Operational conditions	
		Operating temperature (T-T)	0 - 35 °C
		Storage temperature (T-T)	-40 - 65 °C
		Operating relative humidity (H-H)	10 - 90%
		Storage relative humidity (H-H)	0 - 95%
		Operating altitude	-15.2 - 3048 m
		Non-operating altitude	-15.2 - 10668 m
		Operating shock	110 G
		Non-operating shock	160 G
		Operating vibration	0.66 G

Audio		Operational conditions	
Number of microphones	2	Non-operating vibration	1.3 G
Camera		Certificates	
Front camera	✓	Compliance certificates	EcoDesign
Front camera resolution (numeric)	2.07 MP	Sustainability	
		Sustainability certificates	EPEAT Climate +, EPEAT Gold
		Weight & dimensions	
		Width	321.4 mm
		Depth	212 mm
		Height (front)	1.91 cm
		Height (rear)	2.1 cm
		Weight *	1.4 kg
		Packaging content	
		Cables included	AC



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