



DELL Latitude 7450 Intel Core Ultra 5 125U Laptop 35.6 cm (14") Full HD+ 16 GB LPDDR5x-SDRAM 512 GB SSD Wi-Fi 7 (802.11be) Windows 11 Pro Grey

Brand : DELL

Product family: Latitude

Product code: XCV51

Product name : 7450



DELL Latitude 7450. 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 1200 pixels. Internal memory: 16 GB, Internal memory type: LPDDR5x-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: 1.33 kg



Design		Network	
Product type *	Laptop	Mobile network connection *	✗
Product colour *	Grey	Antenna type	2x2
Form factor *	Clamshell	WLAN controller model	Intel Wi-Fi 7 BE200
Housing material	Aluminium	WLAN controller manufacturer	Intel
Market positioning	Business	Ethernet LAN	✗
		Bluetooth	✓
		Near Field Communication (NFC)	✓
Display		Ports & interfaces	
Display diagonal *	35.6 cm (14")	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Display resolution *	1920 x 1200 pixels	HDMI ports quantity *	1
Touchscreen *	✗	HDMI version	2.1
HD type	Full HD+	Thunderbolt 4 ports quantity	2
Panel type	WVA	Intel® Thunderbolt 4	✓
LED backlight	✓	Combo headphone/mic port	✓
Native aspect ratio	16:10	Charging port type	USB Type-C
Anti-glare screen	✓	USB Type-C DisplayPort Alternate Mode	✓
Display brightness	250 cd/m ²	USB Power Delivery	✓
Pixel pitch	0.157 x 0.157 mm	Performance	
Pixel density	162 ppi	Ambient light sensor	✓
RGB colour space	NTSC	Keyboard	
Colour gamut	45%	Pointing device	Clickpad
Display response rise/fall	35 ms	Keyboard language	Nordic
Maximum refresh rate	60 Hz	Numeric keypad *	✗
Contrast ratio (typical)	800:1	Keyboard backlit	✓
Processor		Keyboard number of keys	80
Processor manufacturer *	Intel	Copilot key	✓
Processor family *	Intel Core Ultra 5		
Processor generation	Intel® Core™ Ultra (Series 1)		
Processor model *	125U		
Processor cores	12		

Processor		Software	
Processor threads	14	Operating system architecture	64-bit
Processor boost frequency	4.3 GHz	Operating system language	Danish, English, Finnish, Norwegian, Swedish
Performance cores	2	Trial software	No Microsoft Office License Included 30 day Trial Offer Only
Efficient cores	8	Operating system installed *	Windows 11 Pro
Low Power Efficient-cores	2	Battery	
Performance-core Max Turbo Frequency	4.3 GHz	Number of battery cells	3
Efficient-core Max Turbo Frequency	3.6 GHz	Battery capacity *	57 Wh
Low Power Efficient-core Max Turbo Frequency	2.1 GHz	Battery voltage	11.4 V
Performance-core base frequency	1.3 GHz	Browsing time (Wi-Fi)	4 h
Efficient-core base frequency	0.8 GHz	Battery recharge time	4 h
Low Power Efficient-core Base Frequency	700 MHz	Fast charging	✓
Processor cache	12 MB	Battery charge indicator	✓
Processor cache type	Smart Cache	Battery weight	227 g
Processor base power	15 W	Power	
Maximum turbo power	57 W	AC adapter power	65 W
Neural processor unit (NPU)		AC adapter frequency	50 - 60 Hz
Neural processor unit (NPU)	Intel AI Boost	AC adapter input voltage	100 - 240 V
Maximum frequency NPU	1.4 GHz	USB charging voltage	20,5,9,15 V
Sparsity support	✓	USB charging current	3 A
Windows Studio effects support	✓	Security	
AI datatype support on NPU	FP16, FP32, Int8	Cable lock slot	✓
AI software frameworks supported by NPU	DirectML, ONNX RT, OpenVINO, Windows ML	Cable lock slot type	Wedge
Memory		Fingerprint reader	✓
Internal memory *	16 GB	Smart card reader	✓
Internal memory type	LPDDR5x-SDRAM	Trusted Platform Module (TPM)	✓
Memory form factor	On-board	Trusted Platform Module (TPM) version	2.0
Maximum internal memory *	16 GB	Operational conditions	
Memory channels	Dual-channel	Operating temperature (T-T)	0 - 35 °C
Memory data transfer rate	6400 MT/s	Storage temperature (T-T)	-40 - 65 °C
Storage		Operating relative humidity (H-H)	10 - 90%
Total storage capacity *	512 GB	Storage relative humidity (H-H)	0 - 95%
Storage media *	SSD	Operating altitude	-15.2 - 3048 m
Total SSDs capacity	512 GB	Non-operating altitude	-15.2 - 10668 m
Number of SSDs installed	1	Operating shock	110 G
SSD capacity	512 GB	Non-operating shock	160 G
SSD memory type	TLC	Operating vibration	0.66 G
SSD interface	PCI Express 4.0	Non-operating vibration	1.3 G
NVMe	✓	Certificates	
SSD form factor	M.2	Wi-Fi certified	✓
Optical drive type *	✗	Sustainability	
Graphics		Sustainability compliance	✓
Discrete graphics card model *	Not available	Sustainability certificates	ENERGY STAR, EPEAT Climate +, TCO
On-board graphics card *	✓	Weight & dimensions	
On-board GPU manufacturer	Intel	Width	313 mm
Discrete graphics card *	✗	Depth	222.8 mm
On-board graphics card model *	Intel Graphics	Height (front)	1.71 cm
Audio		Height (rear)	1.82 cm
Audio chip	Realtek ALC3281	Weight *	1.33 kg
Number of built-in speakers	4	Carbon footprint	
Speaker power	2 W	Total carbon footprint (kg of CO2e)	110
Built-in microphone	✓	Carbon emissions, manufacturing (kg of CO2e)	86
Camera		Carbon emissions, logistics (kg of CO2e)	5
Front camera	✓		
Front camera resolution	1920 x 1080 pixels		
Front camera HD type	Full HD		

Camera		Carbon footprint	
Video capturing speed	30 fps	Carbon emissions, energy usage (kg of CO2e)	18
Infrared (IR) camera	✓	Carbon emissions, end-of-life (kg of CO2e)	2
Privacy camera	✓	Total carbon emissions, w/o use phase (kg of CO2e)	92
Privacy type	Privacy shutter	PAIA version	GaBi verison1
Network		Packaging content	
Top Wi-Fi standard *	Wi-Fi 7 (802.11be)	Cables included	AC
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 5 (802.11ac), Wi-Fi 6E (802.11ax), Wi-Fi 7 (802.11be)		



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