



## DELL Latitude 7450 Intel Core Ultra 7 165U 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

Article code: MV0RH

Product name : 7450

DELL Latitude 7450. 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 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 color: Grey. Weight: 1,33 kg



Design		Network	
Product type *	Laptop	Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
Product colour *	Grey	Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 5 (802.11ac), Wi-Fi 6E (802.11ax), Wi-Fi 7 (802.11be)
Form factor *	Clamshell		
Housing material	Aluminium	Mobile network connection *	✗
Market positioning	Business	Antenna type	2x2
Intel® vPro™ Platform Eligibility	✓	WLAN controller model	Intel Wi-Fi 7 BE200
Display		WLAN controller manufacturer	Intel
Display diagonal *	35.6 cm (14")	Ethernet LAN	✗
Display resolution *	1920 x 1200 pixels	Bluetooth	✓
Touchscreen *	✗	Ports & interfaces	
HD type	Full HD+	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Panel type	WVA	HDMI ports quantity *	1
LED backlight	✓	HDMI version	2.1
Native aspect ratio	16:10	Thunderbolt 4 ports quantity	2
Anti-glare screen	✓	Intel® Thunderbolt 4	✓
Display brightness	250 cd/m²	Combo headphone/mic port	✓
Pixel density	162 ppi	Charging port type	USB Type-C
RGB colour space	NTSC	USB Type-C DisplayPort Alternate Mode	✓
Colour gamut	45%	Performance	
Maximum refresh rate	60 Hz	Ambient light sensor	✓
Contrast ratio (typical)	800:1	Keyboard	
Processor		Pointing device	Touchpad
Processor manufacturer *	Intel	Keyboard language	French
Processor family *	Intel Core Ultra 7	Numeric keypad *	✗
Processor generation	Intel® Core™ Ultra (Series 1)		
Processor model *	165U		
Processor cores	12		

Processor		Keyboard	
Processor threads	14	Keyboard backlit	✔
Processor boost frequency	4.9 GHz	Keyboard number of keys	80
Performance cores	2	Copilot key	✔
Efficient cores	8	Software	
Low Power Efficient-cores	2	Operating system architecture	64-bit
Performance-core Max Turbo Frequency	4.9 GHz	Operating system language	Multilingual
Efficient-core Max Turbo Frequency	3.8 GHz	Trial software	No anti-virus software, No Microsoft Office License Included 30 day Trial Offer Only
Low Power Efficient-core Max Turbo Frequency	2.1 GHz		
Performance-core base frequency	1.7 GHz	Operating system installed *	Windows 11 Pro
Efficient-core base frequency	1.2 GHz	Microsoft Copilot	✔
Low Power Efficient-core Base Frequency	700 MHz	Brand-specific features	
Processor cache	12 MB	Brand specific technologies	Express Charge Boost capable, ExpressSign-In, HDR Camera, Intelligent Privacy, TNR
Processor cache type	Smart Cache		
Processor base power	15 W	Battery	
Maximum turbo power	57 W	Number of battery cells	3
Neural processor unit (NPU)		Battery capacity *	57 Wh
Neural processor unit (NPU)	Intel AI Boost	Battery life (max)	13.9 h
Maximum frequency NPU	1.4 GHz	Battery recharge time	4 h
Sparsity support	✔	Fast charging	✔
Windows Studio effects support	✔	Battery charge indicator	✔
AI datatype support on NPU	FP16, FP32, Int8	Power	
AI software frameworks supported by NPU	DirectML, ONNX RT, OpenVINO, Windows ML	AC adapter power	65 W
Memory		AC adapter frequency	50 - 60 Hz
Internal memory *	16 GB	AC adapter input voltage	100 - 240 V
Internal memory type	LPDDR5x-SDRAM	USB Power Delivery (USB PD) *	✔
Memory form factor	On-board	USB charging voltage	5,15,20 V
Maximum internal memory *	16 GB	Security	
Memory channels	Dual-channel	Cable lock slot	✔
Memory data transfer rate	6400 MT/s	Cable lock slot type	Wedge
Storage		Fingerprint reader	✔
Total storage capacity *	512 GB	Trusted Platform Module (TPM)	✔
Storage media *	SSD	Trusted Platform Module (TPM) version	2.0
Total SSDs capacity	512 GB	Operational conditions	
Number of SSDs installed	1	Operating temperature (T-T)	0 - 35 °C
SSD capacity	512 GB	Storage temperature (T-T)	-40 - 65 °C
SSD memory type	TLC	Operating relative humidity (H-H)	10 - 90%
SSD interface	PCI Express 4.0	Storage relative humidity (H-H)	0 - 95%
NVMe	✔	Operating altitude	-15.2 - 3048 m
SSD form factor	M.2	Non-operating altitude	-15.2 - 10668 m
Optical drive type *	✘	Operating shock	110 G
Graphics		Non-operating shock	160 G
Discrete graphics card model *	Not available	Operating vibration	0.66 G
On-board graphics card *	✔	Non-operating vibration	1.3 G
On-board GPU manufacturer	Intel	Certificates	
Discrete graphics card *	✘	Wi-Fi certified	✔
On-board graphics card family	Intel Graphics	Sustainability	
On-board graphics card model *	Intel Graphics	Sustainability compliance	✔
Audio		Sustainability certificates	ENERGY STAR, EPEAT Climate +, TCO
Audio chip	Realtek ALC3281	Weight & dimensions	
Number of built-in speakers	4	Width	313 mm
Speaker power	2 W	Depth	222.8 mm
Built-in microphone	✔	Height (front)	1.71 cm

Camera		Weight & dimensions	
Front camera	✓	Height (rear)	1.82 cm
Front camera resolution	1920 x 1080 pixels	Weight *	1.33 kg
Front camera HD type	Full HD	Carbon footprint	
Video capturing speed	30 fps	Total carbon footprint (kg of CO2e)	110
Infrared (IR) camera	✓	Carbon emissions, manufacturing (kg of CO2e)	86
Privacy camera	✓	Carbon emissions, logistics (kg of CO2e)	5
Privacy type	Privacy shutter	Carbon emissions, energy usage (kg of CO2e)	18
		Carbon emissions, end-of-life (kg of CO2e)	2
		Total carbon emissions, w/o use phase (kg of CO2e)	92
		PAIA version	GaBi verison1
		Packaging content	
		Cables included	AC



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