



## 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 UK English Grey

**Brand :** DELL

**Product family:** Latitude

**Product code:** HR1HM

**Product name :** 7450



- Windows 11 Pro 64-bit
  - Intel Core Ultra 7 165U (12MB Cache)
  - 35.6 cm (14") Full HD+ 1920 x 1200 WVA
  - 16GB LPDDR5x-SDRAM & 512GB SSD
- Intel Core Ultra 7 165U (12MB Cache), 16GB LPDDR5x-SDRAM, 512GB SSD, 35.6 cm (14") Full HD+ 1920 x 1200 WVA, Intel Graphics, WLAN, Webcam, Windows 11 Pro 64-bit

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

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 colour: 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	Mobile network connection *	✗
Housing material	Aluminium	Antenna type	2x2
Market positioning	Business	WLAN controller model	Intel Wi-Fi 7 BE200
Intel® vPro™ Platform Eligibility	✓	WLAN controller manufacturer	Intel
Display		Ethernet LAN	✗
Display diagonal *	35.6 cm (14")	Bluetooth	✓
Display resolution *	1920 x 1200 pixels	Near Field Communication (NFC)	✓
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/m <sup>2</sup>	Combo headphone/mic port	✓
Pixel pitch	0.157 x 0.157 mm	USB Type-C DisplayPort Alternate Mode	✓
Pixel density	162 ppi	Performance	
RGB colour space	NTSC	Ambient light sensor	✓
Colour gamut	45%	Keyboard	
Display response rise/fall	35 ms	Pointing device	Clickpad
Maximum refresh rate	60 Hz	Numeric keypad *	✗
Contrast ratio (typical)	800:1	Keyboard backlit	✓
Processor			
Processor manufacturer *	Intel		
Processor family *	Intel Core Ultra 7		
Processor generation	Intel® Core™ Ultra (Series 1)		

<b>Processor</b>		<b>Keyboard</b>	
Processor model *	165U	Keyboard number of keys	80
Processor cores	12	Keyboard language	UK English
Processor threads	14	<b>Software</b>	
Processor boost frequency	4.9 GHz	Operating system architecture	64-bit
Performance cores	2	Operating system language	German, Dutch, English, French, Italian
Efficient cores	8	Trial software	No Microsoft Office License Included 30 day Trial Offer Only
Low Power Efficient-cores	2	Operating system installed *	Windows 11 Pro
Performance-core Max Turbo Frequency	4.9 GHz	<b>Battery</b>	
Efficient-core Max Turbo Frequency	3.8 GHz	Number of battery cells	3
Low Power Efficient-core Max Turbo Frequency	2.1 GHz	Battery capacity *	57 Wh
Performance-core base frequency	1.7 GHz	Battery voltage	11.4 V
Efficient-core base frequency	1.2 GHz	Browsing time (Wi-Fi)	4 h
Low Power Efficient-core Base Frequency	700 MHz	Battery recharge time	4 h
Processor cache	12 MB	Fast charging	✓
Processor cache type	Smart Cache	Battery charge indicator	✓
Processor base power	15 W	Battery weight	227 g
Maximum turbo power	57 W	<b>Power</b>	
<b>Neural processor unit (NPU)</b>		AC adapter power	65 W
Neural processor unit (NPU)	Intel AI Boost	AC adapter frequency	50 - 60 Hz
Maximum frequency NPU	1.4 GHz	AC adapter input voltage	100 - 240 V
Sparsity support	✓	USB Type-C charging port *	✓
Windows Studio effects support	✓	USB Power Delivery (USB PD)	✓
AI datatype support on NPU	FP16, FP32, Int8	USB charging voltage	20,5,9,15 V
AI software frameworks supported by NPU	DirectML, ONNX RT, OpenVINO, Windows ML	USB charging current	3 A
<b>Memory</b>		<b>Security</b>	
Internal memory *	16 GB	Cable lock slot	✓
Internal memory type	LPDDR5x-SDRAM	Cable lock slot type	Wedge
Memory form factor	On-board	Fingerprint reader	✓
Maximum internal memory *	16 GB	Smart card reader	✓
Memory channels	Dual-channel	Face recognition	✓
Memory data transfer rate	6400 MT/s	Trusted Platform Module (TPM)	✓
<b>Storage</b>		Trusted Platform Module (TPM) version	2.0
Total storage capacity *	512 GB	<b>Operational conditions</b>	
Storage media *	SSD	Operating temperature (T-T)	0 - 35 °C
Total SSDs capacity	512 GB	Storage temperature (T-T)	-40 - 65 °C
Number of SSDs installed	1	Operating relative humidity (H-H)	10 - 90%
SSD capacity	512 GB	Storage relative humidity (H-H)	0 - 95%
SSD memory type	TLC	Operating altitude	-15.2 - 3048 m
SSD interface	PCI Express 4.0	Non-operating altitude	-15.2 - 10668 m
NVMe	✓	Operating shock	110 G
SSD form factor	M.2	Non-operating shock	160 G
Optical drive type *	✗	Operating vibration	0.66 G
<b>Graphics</b>		Non-operating vibration	1.3 G
Discrete graphics card model *	Not available	<b>Certificates</b>	
On-board graphics card *	✓	Wi-Fi certified	✓
On-board GPU manufacturer	Intel	<b>Sustainability</b>	
Discrete graphics card *	✗	Sustainability compliance	✓
On-board graphics card model *	Intel® Graphics	Sustainability certificates	ENERGY STAR, EPEAT Climate +, TCO
<b>Audio</b>		<b>Weight &amp; dimensions</b>	
Audio chip	Realtek ALC3281	Width	313 mm
Number of built-in speakers	4	Depth	222.8 mm
Speaker power	2 W	Height (front)	1.71 cm
Built-in microphone	✓		

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)	85.58
Privacy camera	✓	Carbon emissions, logistics (kg of CO2e)	4.51
Privacy type	Privacy shutter	Carbon emissions, energy usage (kg of CO2e)	17.93
		Carbon emissions, end-of-life (kg of CO2e)	1.98
		PAIA version	GaBi version 1, 2024
		Packaging content	
		Cables included	AC



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