



# DELL Latitude 7450 Ultralight 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 Blue

Brand : DELL

Product family: Latitude

Product code: 0YT34

Product name : 7450 Ultralight



DELL Latitude 7450 Ultralight. 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: Blue. Weight: 1.05 kg



Design		Network	
Product type *	Laptop	Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 5 (802.11ac), Wi-Fi 6E (802.11ax), Wi-Fi 7 (802.11be)
Product colour *	Blue	Mobile network connection *	✗
Form factor *	Clamshell	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	WWAN	Upgradable
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	400 cd/m <sup>2</sup>	Combo headphone/mic port	✓
Pixel pitch	0.157 x 0.157 mm	Charging port type	USB Type-C
Pixel density	162 ppi	USB Type-C DisplayPort Alternate Mode	✓
RGB colour space	sRGB	USB Power Delivery	✓
Colour gamut	100%	Performance	
Display response rise/fall	35 ms	Ambient light sensor	✓
Maximum refresh rate	60 Hz	Keyboard	
Contrast ratio (typical)	1200:1	Pointing device	Clickpad
Processor		Keyboard language	Nordic
Processor manufacturer *	Intel	Numeric keypad *	✗
Processor family *	Intel Core Ultra 7	Keyboard backlit	✓
Processor generation	Intel® Core™ Ultra (Series 1)		
Processor model *	165U		
Processor cores	12		

<b>Processor</b>		<b>Keyboard</b>	
Processor threads	14	Keyboard number of keys	80
Processor boost frequency	4.9 GHz	Copilot key	✓
Performance cores	2	<b>Software</b>	
Efficient cores	8	Operating system architecture	64-bit
Low Power Efficient-cores	2	Operating system language	Danish, English, Finnish, Norwegian, Swedish
Performance-core Max Turbo Frequency	4.9 GHz	Trial software	No Microsoft Office License Included 30 day Trial Offer Only
Efficient-core Max Turbo Frequency	3.8 GHz	Operating system installed *	Windows 11 Pro
Low Power Efficient-core Max Turbo Frequency	2.1 GHz	<b>Brand-specific features</b>	
Performance-core base frequency	1.7 GHz	Brand specific technologies	Battery-saving Mini-LED
Efficient-core base frequency	1.2 GHz	<b>Battery</b>	
Low Power Efficient-core Base Frequency	700 MHz	Number of battery cells	3
Processor cache	12 MB	Battery capacity *	57 Wh
Processor cache type	Smart Cache	Battery voltage	11.4 V
Processor base power	15 W	Browsing time (Wi-Fi)	4 h
Maximum turbo power	57 W	Battery recharge time	4 h
<b>Neural processor unit (NPU)</b>		Fast charging	✓
Neural processor unit (NPU)	Intel AI Boost	Battery charge indicator	✓
Maximum frequency NPU	1.4 GHz	Battery weight	227 g
Sparsity support	✓	<b>Power</b>	
Windows Studio effects support	✓	AC adapter power	65 W
AI datatype support on NPU	FP16, FP32, Int8	AC adapter frequency	50 - 60 Hz
AI software frameworks supported by NPU	DirectML, ONNX RT, OpenVINO, Windows ML	AC adapter input voltage	100 - 240 V
<b>Memory</b>		USB charging voltage	20,5,9,15 V
Internal memory *	16 GB	USB charging current	3 A
Internal memory type	LPDDR5x-SDRAM	<b>Security</b>	
Memory form factor	On-board	Cable lock slot	✓
Maximum internal memory *	16 GB	Cable lock slot type	Wedge
Memory channels	Dual-channel	Fingerprint reader	✓
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
M.2 SSD size	2230 (22 x 30 mm)	Operating vibration	0.66 G
Optical drive type *	✗	Non-operating vibration	1.3 G
<b>Graphics</b>		<b>Certificates</b>	
Discrete graphics card model *	Not available	Wi-Fi certified	✓
On-board graphics card *	✓	<b>Sustainability</b>	
On-board GPU manufacturer	Intel	Sustainability compliance	✓
Discrete graphics card *	✗	Sustainability certificates	ENERGY STAR, EPEAT Climate +, TCO
On-board graphics card model *	Intel Graphics	<b>Weight &amp; dimensions</b>	
<b>Audio</b>		Width	313 mm
Audio chip	Realtek ALC3281	Depth	220.2 mm
Number of built-in speakers	4	Height (front)	1.72 cm
Speaker power	2 W	Height (rear)	1.79 cm
Built-in microphone	✓	Weight *	1.05 kg
<b>Camera</b>			
Front camera	✓		
Front camera resolution (numeric)	5 MP		

Camera		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
Network		Carbon emissions, end-of-life (kg of CO2e)	2
Top Wi-Fi standard *	Wi-Fi 7 (802.11be)	Total carbon emissions, w/o use phase (kg of CO2e)	92
		PAIA version	GaBi verison1
		Packaging content	
		Cables included	AC



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