



## 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	Antenna type	2x2
Product colour *	Blue	WLAN controller model	Intel Wi-Fi 7 BE200
Form factor *	Clamshell	WLAN controller manufacturer	Intel
Market positioning	Business	Ethernet LAN	✗
Intel® vPro™ Platform Eligibility	✓	Bluetooth	✓
		WWAN	Upgradable
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	USB Type-C DisplayPort Alternate Mode	✓
Anti-glare screen	✓	Performance	
Display brightness	400 cd/m <sup>2</sup>	Ambient light sensor	✓
Pixel pitch	0.157 x 0.157 mm	Keyboard	
Pixel density	162 ppi	Pointing device	Clickpad
RGB colour space	sRGB	Keyboard language	Nordic
Colour gamut	100%	Numeric keypad *	✗
Display response rise/fall	35 ms	Keyboard backlit	✓
Maximum refresh rate	60 Hz	Keyboard number of keys	80
Contrast ratio (typical)	1200:1	Copilot key	✓
Processor			
Processor manufacturer *	Intel		
Processor family *	Intel Core Ultra 7		
Processor generation	Intel® Core™ Ultra (Series 1)		
Processor model *	165U		

<b>Processor</b>		<b>Software</b>	
Processor cores	12	Operating system architecture	64-bit
Processor threads	14	Operating system language	Danish, English, Finnish, Norwegian, Swedish
Processor boost frequency	4.9 GHz	Trial software	No Microsoft Office License Included 30 day Trial Offer Only
Performance cores	2	Operating system installed *	Windows 11 Pro
Efficient cores	8	Microsoft Copilot	✓
Low Power Efficient-cores	2	Copilot+ PC	✓
Performance-core Max Turbo Frequency	4.9 GHz	<b>Brand-specific features</b>	
Efficient-core Max Turbo Frequency	3.8 GHz	Brand specific technologies	Battery-saving Mini-LED
Low Power Efficient-core Max Turbo Frequency	2.1 GHz	<b>Battery</b>	
Performance-core base frequency	1.7 GHz	Number of battery cells	3
Efficient-core base frequency	1.2 GHz	Battery capacity *	57 Wh
Low Power Efficient-core Base Frequency	700 MHz	Battery voltage	11.4 V
Processor cache	12 MB	Browsing time (Wi-Fi)	4 h
Processor cache type	Smart Cache	Battery recharge time	4 h
Processor base power	15 W	Fast charging	✓
Maximum turbo power	57 W	Battery charge indicator	✓
<b>Neural processor unit (NPU)</b>		Battery weight	227 g
Neural processor unit (NPU)	Intel AI Boost	<b>Power</b>	
Maximum frequency NPU	1.4 GHz	AC adapter power	65 W
Sparsity support	✓	AC adapter frequency	50 - 60 Hz
Windows Studio effects support	✓	AC adapter input voltage	100 - 240 V
AI datatype support on NPU	FP16, FP32, Int8	USB Type-C charging port *	✓
AI software frameworks supported by NPU	DirectML, ONNX RT, OpenVINO, Windows ML	USB Power Delivery (USB PD)	✓
<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	Face recognition	✓
<b>Storage</b>		Trusted Platform Module (TPM)	✓
Total storage capacity *	512 GB	Trusted Platform Module (TPM) version	2.0
Storage media *	SSD	<b>Operational conditions</b>	
Total SSDs capacity	512 GB	Operating temperature (T-T)	0 - 35 °C
Number of SSDs installed	1	Storage temperature (T-T)	-40 - 65 °C
SSD capacity	512 GB	Operating relative humidity (H-H)	10 - 90%
SSD memory type	TLC	Storage relative humidity (H-H)	0 - 95%
SSD interface	PCI Express 4.0	Operating altitude	-15.2 - 3048 m
NVMe	✓	Non-operating altitude	-15.2 - 10668 m
SSD form factor	M.2	Operating shock	110 G
M.2 SSD size	2230 (22 x 30 mm)	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	220.2 mm
Speaker power	2 W	Height (front)	1.72 cm
Built-in microphone	✓		

Camera		Weight & dimensions	
Front camera	✓	Height (rear)	1.79 cm
Front camera resolution (numeric)	5 MP	Weight *	1.05 kg
Video capturing speed	30 fps	<b>Carbon footprint</b>	
Infrared (IR) camera	✓	Total carbon footprint (kg of CO2e)	108
Privacy camera	✓	Carbon emissions, manufacturing (kg of CO2e)	88
Privacy type	Privacy shutter	Carbon emissions, logistics (kg of CO2e)	4
Network		Carbon emissions, energy usage (kg of CO2e)	14
Top Wi-Fi standard *	Wi-Fi 7 (802.11be)	Carbon emissions, end-of-life (kg of CO2e)	2
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 5 (802.11ac), Wi-Fi 6E (802.11ax), Wi-Fi 7 (802.11be)	Total carbon emissions, w/o use phase (kg of CO2e)	94
Mobile network connection *	✗	PAIA version	GaBi version 1, 2024
		Packaging content	
		Cables included	AC



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