



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	Mobile network connection *	✗
Product colour *	Blue	Antenna type	2x2
Form factor *	Clamshell	WLAN controller model	Intel Wi-Fi 7 BE200
Market positioning	Business	WLAN controller manufacturer	Intel
Intel® vPro™ Platform Eligibility	✓	Ethernet LAN	✗
Display		Bluetooth	✓
Display diagonal *	35.6 cm (14")	WWAN	Upgradable
Display resolution *	1920 x 1200 pixels	Ports & interfaces	
Touchscreen *	✗	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
HD type	Full HD+	HDMI ports quantity *	1
Panel type	WVA	HDMI version	2.1
LED backlight	✓	Thunderbolt 4 ports quantity	2
Native aspect ratio	16:10	Intel® Thunderbolt 4	✓
Anti-glare screen	✓	Combo headphone/mic port	✓
Display brightness	400 cd/m ²	Charging port type	USB Type-C
Pixel pitch	0.157 x 0.157 mm	USB Type-C DisplayPort Alternate Mode	✓
Pixel density	162 ppi	Performance	
RGB colour space	sRGB	Ambient light sensor	✓
Colour gamut	100%	Keyboard	
Display response rise/fall	35 ms	Pointing device	Clickpad
Maximum refresh rate	60 Hz	Keyboard language	Nordic
Contrast ratio (typical)	1200:1	Numeric keypad *	✗
Processor		Keyboard backlight	✓
Processor manufacturer *	Intel	Keyboard number of keys	80
Processor family *	Intel Core Ultra 7	Copilot key	✓
Processor generation	Intel® Core™ Ultra (Series 1)		
Processor model *	165U		

Processor		Software	
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	Brand-specific features	
Performance-core Max Turbo Frequency	4.9 GHz	Brand specific technologies	Battery-saving Mini-LED
Efficient-core Max Turbo Frequency	3.8 GHz	Battery	
Low Power Efficient-core Max Turbo Frequency	2.1 GHz	Number of battery cells	3
Performance-core base frequency	1.7 GHz	Battery capacity *	57 Wh
Efficient-core base frequency	1.2 GHz	Battery voltage	11.4 V
Low Power Efficient-core Base Frequency	700 MHz	Browsing time (Wi-Fi)	4 h
Processor cache	12 MB	Battery recharge time	4 h
Processor cache type	Smart Cache	Fast charging	✓
Processor base power	15 W	Battery charge indicator	✓
Maximum turbo power	57 W	Battery weight	227 g
Neural processor unit (NPU)		Power	
Neural processor unit (NPU)	Intel AI Boost	AC adapter power	65 W
Maximum frequency NPU	1.4 GHz	AC adapter frequency	50 - 60 Hz
Sparsity support	✓	AC adapter input voltage	100 - 240 V
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
Memory		Security	
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	Trusted Platform Module (TPM)	✓
Memory channels	Dual-channel	Trusted Platform Module (TPM) version	2.0
Memory data transfer rate	6400 MT/s	Operational conditions	
Storage		Operating temperature (T-T)	0 - 35 °C
Total storage capacity *	512 GB	Storage temperature (T-T)	-40 - 65 °C
Storage media *	SSD	Operating relative humidity (H-H)	10 - 90%
Total SSDs capacity	512 GB	Storage relative humidity (H-H)	0 - 95%
Number of SSDs installed	1	Operating altitude	-15.2 - 3048 m
SSD capacity	512 GB	Non-operating altitude	-15.2 - 10668 m
SSD memory type	TLC	Operating shock	110 G
SSD interface	PCI Express 4.0	Non-operating shock	160 G
NVMe	✓	Operating vibration	0.66 G
SSD form factor	M.2	Non-operating vibration	1.3 G
M.2 SSD size	2230 (22 x 30 mm)	Certificates	
Optical drive type *	✗	Wi-Fi certified	✓
Graphics		Sustainability	
Discrete graphics card model *	Not available	Sustainability compliance	✓
On-board graphics card *	✓	Sustainability certificates	ENERGY STAR, EPEAT Climate +, TCO
On-board GPU manufacturer	Intel	Weight & dimensions	
Discrete graphics card *	✗	Width	313 mm
On-board graphics card model *	Intel Graphics	Depth	220.2 mm
Audio		Height (front)	1.72 cm
Audio chip	Realtek ALC3281	Height (rear)	1.79 cm
Number of built-in speakers	4	Weight *	1.05 kg
Speaker power	2 W		
Built-in microphone	✓		

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



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