



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 German Grey

Brand : DELL

Product family: Latitude

Product code: GV98K

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. Mobile network generation: 5G. Operating system installed: Windows 11 Pro. Product colour: Grey



Design		Network	
Product type *	Laptop	Antenna type	2x2
Product colour *	Grey	WLAN controller model	Intel Wi-Fi 7 BE200
Form factor *	Clamshell	WLAN controller manufacturer	Intel
Market positioning	Business	Ethernet LAN	✗
Display		Bluetooth	✓
Display diagonal *	35.6 cm (14")	WWAN	Installed
Display resolution *	1920 x 1200 pixels	WWAN controller	5G - Qualcomm® Snapdragon™ X62 Global 5G Modem (DW5932e)
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
Display technology marketing name	ComfortView Plus	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/m²	USB Type-C DisplayPort Alternate Mode	✓
Pixel density	162 ppi	Performance	
RGB colour space	sRGB	Ambient light sensor	✓
Colour gamut	100%	Keyboard	
Maximum refresh rate	60 Hz	Pointing device	Touchpad
Contrast ratio (typical)	1200:1	Numeric keypad *	✗
Processor		Keyboard backlit	✓
Processor manufacturer *	Intel	Keyboard number of keys	80
Processor family *	Intel Core Ultra 7	Keyboard language	German
Processor generation	Intel® Core™ Ultra (Series 1)	Copilot key	✓
Processor model *	165U		
Processor cores	12		
Processor threads	14		
Processor boost frequency	4.9 GHz		

Processor		Software	
Performance cores	2	Operating system architecture	64-bit
Efficient cores	8	Operating system language	Multilingual
Low Power Efficient-cores	2	Trial software	No anti-virus software, No Microsoft Office License Included 30 day Trial Offer Only
Performance-core Max Turbo Frequency	4.9 GHz		
Efficient-core Max Turbo Frequency	3.8 GHz	Operating system installed *	Windows 11 Pro
Low Power Efficient-core Max Turbo Frequency	2.1 GHz	Processor special features	
Performance-core base frequency	1.7 GHz	Intel® Evo™ Platform Verified	✓
Efficient-core base frequency	1.2 GHz	Brand-specific features	
Low Power Efficient-core Base Frequency	700 MHz	Brand specific technologies	Express Charge Boost capable, ExpressSign-In, Intelligent Privacy, TNR
Processor cache	12 MB	Battery	
Processor cache type	Smart Cache	Number of battery cells	3
Processor base power	15 W	Battery capacity *	57 Wh
Maximum turbo power	57 W	Battery voltage	11.4 V
Neural processor unit (NPU)		Battery life (max)	14.2 h
Neural processor unit (NPU)	Intel AI Boost	Battery recharge time	4 h
Maximum frequency NPU	1.4 GHz	Fast charging	✓
Sparsity support	✓	Battery charge indicator	✓
Windows Studio effects support	✓	Power	
AI datatype support on NPU	FP16, FP32, Int8	AC adapter power	65 W
AI software frameworks supported by NPU	DirectML, ONNX RT, OpenVINO, Windows ML	AC adapter frequency	50 - 60 Hz
Memory		AC adapter input voltage	100 - 240 V
Internal memory *	16 GB	USB Type-C charging port *	✓
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	Smart card reader	✗
Storage media *	SSD	Face recognition	✓
Total SSDs capacity	512 GB	Trusted Platform Module (TPM)	✓
Number of SSDs installed	1	Trusted Platform Module (TPM) version	2.0
SSD capacity	512 GB	Operational conditions	
SSD memory type	TLC	Operating temperature (T-T)	0 - 35 °C
SSD interface	PCI Express 4.0	Storage temperature (T-T)	-40 - 65 °C
NVMe	✓	Operating relative humidity (H-H)	10 - 90%
SSD form factor	M.2	Storage relative humidity (H-H)	0 - 95%
Optical drive type *	✗	Operating altitude	-15.2 - 3048 m
Card reader integrated	✗	Non-operating altitude	-15.2 - 10668 m
Graphics		Operating shock	110 G
Discrete graphics card model *	Not available	Non-operating shock	160 G
On-board graphics card *	✓	Operating vibration	0.66 G
On-board GPU manufacturer	Intel	Non-operating vibration	1.3 G
Discrete graphics card *	✗	Certificates	
On-board graphics card family	Intel® Graphics	Wi-Fi certified	✓
On-board graphics card model *	Intel® Graphics	Sustainability	
Audio		Sustainability compliance	✓
Audio chip	Realtek ALC3281	Sustainability certificates	ENERGY STAR, EPEAT Climate +, TCO
Number of built-in speakers	4	Weight & dimensions	
Speaker power	2 W	Width	313 mm
Built-in microphone	✓	Depth	220.2 mm
Camera			
Front camera	✓		

Camera		Weight & dimensions	
Front camera resolution (numeric)	5 MP	Height (front)	1.72 cm
Video capturing speed	30 fps	Height (rear)	1.79 cm
Infrared (IR) camera	✓	Weight *	1.05 kg
Privacy camera	✓	Carbon footprint	
Privacy type	Privacy shutter	Total carbon footprint (kg of CO2e)	110
Network		Carbon emissions, manufacturing (kg of CO2e)	85.58
Mobile network generation	5G	Carbon emissions, logistics (kg of CO2e)	4.51
Top Wi-Fi standard *	Wi-Fi 7 (802.11be)	Carbon emissions, energy usage (kg of CO2e)	17.93
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 5 (802.11ac), Wi-Fi 6E (802.11ax), Wi-Fi 7 (802.11be)	Carbon emissions, end-of-life (kg of CO2e)	1.98
Mobile network connection *	✓	PAIA version	GaBi version 1, 2024
		Packaging content	
		Cables included	AC
		Other features	
		SIM card type	eSIM
		SIM card support	✓



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