



**DELL Latitude 7450 Intel Core Ultra 7 165U Laptop 35.6 cm (14")
Full HD+ 32 GB LPDDR5x-SDRAM 512 GB SSD Wi-Fi 7 (802.11be)
Windows 11 Pro Grey**

Brand : DELL

Product family: Latitude

Product code: 346G1

Product name : 7450



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: 32 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	Mobile network connection *	✗
Product colour *	Grey	Antenna type	2x2
Form factor *	Clamshell	WLAN controller model	Intel Wi-Fi 7 BE200
Housing material	Aluminium	WLAN controller manufacturer	Intel
Market positioning	Business	Ethernet LAN	✗
Intel® vPro™ Platform Eligibility	✓	Bluetooth	✓
Display		Near Field Communication (NFC)	✓
Display diagonal *	35.6 cm (14")	Ports & interfaces	
Display resolution *	1920 x 1200 pixels	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Touchscreen *	✗	HDMI ports quantity *	1
HD type	Full HD+	HDMI version	2.1
Panel type	WVA	Thunderbolt 4 ports quantity	2
LED backlight	✓	Intel® Thunderbolt 4	✓
Native aspect ratio	16:10	Combo headphone/mic port	✓
Anti-glare screen	✓	Charging port type	USB Type-C
Display brightness	250 cd/m ²	USB Type-C DisplayPort Alternate Mode	✓
Pixel pitch	0.157 x 0.157 mm	Performance	
Pixel density	162 ppi	Ambient light sensor	✓
RGB colour space	NTSC	Keyboard	
Colour gamut	45%	Pointing device	Clickpad
Display response rise/fall	35 ms	Keyboard language	Nordic
Maximum refresh rate	60 Hz	Numeric keypad *	✗
Contrast ratio (typical)	800:1	Keyboard backlight	✓
Processor		Keyboard number of keys	80
Processor manufacturer *	Intel	Copilot key	✓
Processor family *	Intel Core Ultra 7		
Processor generation	Intel® Core™ Ultra (Series 1)		

Processor		Software	
Processor model *	165U	Operating system architecture	64-bit
Processor cores	12	Operating system language	Danish, English, Finnish, Norwegian, Swedish
Processor threads	14	Trial software	No Microsoft Office License Included 30 day Trial Offer Only
Processor boost frequency	4.9 GHz	Operating system installed *	Windows 11 Pro
Performance cores	2	Microsoft Copilot	✓
Efficient cores	8	Brand-specific features	
Low Power Efficient-cores	2	Brand specific technologies	Battery-saving Mini-LED, Express Charge Boost capable, ExpressSign-In, Intelligent Privacy, TNR
Performance-core Max Turbo Frequency	4.9 GHz	Battery	
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	Power	
Neural processor unit (NPU)		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 Power Delivery (USB PD) *	✓
Windows Studio effects support	✓	USB charging voltage	20,5,9,15 V
AI datatype support on NPU	FP16, FP32, Int8	USB charging current	3 A
AI software frameworks supported by NPU	DirectML, ONNX RT, OpenVINO, Windows ML	Security	
Memory		Cable lock slot	✓
Internal memory *	32 GB	Cable lock slot type	Wedge
Internal memory type	LPDDR5x-SDRAM	Fingerprint reader	✓
Memory form factor	On-board	Smart card reader	✓
Maximum internal memory *	32 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	222.8 mm
Audio		Height (front)	1.71 cm
Audio chip	Realtek ALC3281	Height (rear)	1.82 cm
Number of built-in speakers	4		
Speaker power	2 W		
Built-in microphone	✓		

Camera		Weight & dimensions	
Front camera	✓	Weight *	1.33 kg
Front camera resolution	1920 x 1080 pixels	Carbon footprint	
Front camera HD type	Full HD	Total carbon footprint (kg of CO2e)	108
Video capturing speed	30 fps	Carbon emissions, manufacturing (kg of CO2e)	88
Infrared (IR) camera	✓	Carbon emissions, logistics (kg of CO2e)	4
Privacy camera	✓	Carbon emissions, energy usage (kg of CO2e)	14
Privacy type	Privacy shutter	Carbon emissions, end-of-life (kg of CO2e)	2
Network		Total carbon emissions, w/o use phase (kg of CO2e)	94
Top Wi-Fi standard *	Wi-Fi 7 (802.11be)	PAIA version	GaBi version 1, 2024
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 5 (802.11ac), Wi-Fi 6E (802.11ax), Wi-Fi 7 (802.11be)	Packaging content	
		Cables included	AC



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