



DELL Latitude 3450 Intel® Core™ i7 i7-1355U Laptop 35.6 cm (14") Full HD 16 GB DDR5-SDRAM 512 GB SSD Wi-Fi 6E (802.11ax) Windows 11 Pro Grey

Brand : DELL

Product family: Latitude

Product code: 9CKND

Product name : 3450



DELL Latitude 3450. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i7, Processor model: i7-1355U. Display diagonal: 35.6 cm (14"), HD type: Full HD, Display resolution: 1920 x 1080 pixels. Internal memory: 16 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 512 GB, Storage media: SSD. On-board graphics card model: Intel Iris Xe Graphics. Operating system installed: Windows 11 Pro. Product colour: Grey. Weight: 1.5 kg



Design		Network	
Product type *	Laptop	Wi-Fi band	Tri-band (2.4 GHz / 5 GHz / 6 GHz)
Product colour *	Grey	Wi-Fi data rate (max)	2400 Mbit/s
Form factor *	Clamshell	Antenna type	2x2
Market positioning	Business	WLAN controller model	Intel Wi-Fi 6E AX211
		WLAN controller manufacturer	Intel
Display		Ethernet LAN	✓
Display diagonal *	35.6 cm (14")	Ethernet LAN data rates	10,100,1000 Mbit/s
Display resolution *	1920 x 1080 pixels	Bluetooth	✓
Touchscreen *	✗	Ports & interfaces	
HD type	Full HD	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3
Panel type	IPS	USB4 Gen 2x2 ports quantity	1
LED backlight	✓	Ethernet LAN (RJ-45) ports	1
Native aspect ratio	16:9	HDMI ports quantity *	1
Anti-glare screen	✓	Combo headphone/mic port	✓
Display brightness	250 cd/m ²	PowerShare	✓
Pixel pitch	0.161 x 0.161 mm	Number of USB ports with PowerShare support	1
Pixel density	157 ppi	Keyboard	
RGB colour space	NTSC	Pointing device	Touchpad
Colour gamut	45%	Keyboard language	Spanish
Display response rise/fall	35 ms	Numeric keypad *	✗
Maximum refresh rate	60 Hz	Keyboard number of keys	80
Contrast ratio (typical)	700:1	Copilot key	✓
Processor		Software	
Processor manufacturer *	Intel	Operating system architecture	64-bit
Processor family *	Intel® Core™ i7		
Processor generation	13th gen Intel® Core™ i7		
Processor model *	i7-1355U		
Processor cores	10		
Processor threads	12		

Processor		Software	
Processor boost frequency	5 GHz	Operating system language	English, Spanish, French, Brazilian-Portuguese
Performance cores	2	Trial software	No Microsoft Office License Included 30 day Trial Offer Only
Efficient cores	8	Operating system installed *	Windows 11 Pro
Performance-core Max Turbo Frequency	5 GHz	Microsoft Copilot	✓
Efficient-core Max Turbo Frequency	3.7 GHz	Copilot+ PC	✓
Processor cache	12 MB	Battery	
Processor cache type	Smart Cache	Number of battery cells	3
Processor base power	15 W	Battery capacity *	42 Wh
Maximum turbo power	55 W	Battery recharge time	4 h
Memory		Fast charging	✓
Internal memory *	16 GB	Power	
Internal memory type	DDR5-SDRAM	AC adapter power	65 W
Memory form factor	SO-DIMM	AC adapter frequency	50/60 Hz
Memory layout (slots x size)	1 x 16 GB	AC adapter input voltage	100 - 240 V
Memory slots	2x SO-DIMM	USB Type-C charging port *	✓
Maximum internal memory *	64 GB	USB Power Delivery (USB PD)	✓
Memory data transfer rate	5200 MT/s	USB charging voltage	20,5,9,15 V
Storage		USB charging current	3.25 A
Total storage capacity *	512 GB	Security	
Storage media *	SSD	Cable lock slot	✓
Total SSDs capacity	512 GB	Cable lock slot type	Wedge
Number of SSDs installed	1	Trusted Platform Module (TPM)	✓
SSD capacity	512 GB	Trusted Platform Module (TPM) version	2.0
SSD memory type	QLC	Operational conditions	
SSD interface	PCI Express 4.0	Operating temperature (T-T)	0 - 40 °C
NVMe	✓	Storage temperature (T-T)	-40 - 65 °C
SSD form factor	M.2	Operating relative humidity (H-H)	0 - 90%
SSD performance class	25	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	140 G
Discrete graphics card model *	Not available	Operating vibration	0.66 G
On-board graphics card *	✓	Sustainability	
On-board GPU manufacturer	Intel	Sustainability compliance	✓
Discrete graphics card *	✗	Sustainability certificates	ENERGY STAR, EPEAT Climate +, EPEAT Silver
On-board graphics card model *	Intel Iris Xe Graphics	Weight & dimensions	
Audio		Width	322.2 mm
Audio chip	Realtek ALC3204	Depth	219.4 mm
Audio system	MaxxAudio Pro	Height (front)	1.77 cm
Number of built-in speakers	2	Height (rear)	1.93 cm
Speakers manufacturer	Waves	Weight *	1.5 kg
Speaker power	2 W	Carbon footprint	
Built-in microphone	✓	Total carbon footprint (kg of CO2e)	111
Number of microphones	2	Carbon emissions, manufacturing (kg of CO2e)	82
Camera		Carbon emissions, logistics (kg of CO2e)	4
Front camera	✓	Carbon emissions, energy usage (kg of CO2e)	23
Front camera resolution (numeric)	2.07 MP	Carbon emissions, end-of-life (kg of CO2e)	2
Front camera resolution	1920 x 1080 pixels	Total carbon emissions, w/o use phase (kg of CO2e)	88
Front camera HD type	Full HD	PAIA version	GaBi version 1, 2024
Video capturing speed	30 fps		
Privacy camera	✓		
Privacy type	Privacy shutter		
Network			
Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)		

Network		Packaging content	
Wi-Fi standards	802.11a, Wi-Fi 5 (802.11ac), 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 6E (802.11ax)	AC adapter included *	✓
Mobile network connection *	✗		



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