



DELL RA13250 Intel Core Ultra 5 135U Laptop 33.8 cm (13.3") Touchscreen Full HD 16 GB LPDDR5x-SDRAM 512 GB SSD Wi-Fi 6E (802.11ax) Windows 11 Pro Black US English

Brand : DELL

Product code: 5JCTG

Product name : RA13250

- Windows 11 Pro 64-bit
- Intel Core Ultra 5 135U (12MB Cache)
- 33.8 cm (13.3") Full HD 1920 x 1080 WVA Touch
- 16GB LPDDR5x-SDRAM & 512GB SSD
Intel Core Ultra 5 135U (12MB Cache), 16GB LPDDR5x-SDRAM, 512GB SSD, 33.8 cm (13.3") Full HD 1920 x 1080 WVA Touch, Intel Graphics, LAN, WLAN, Webcam, Windows 11 Pro 64-bit

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AI performance in the field

13 inch fully-rugged laptop that's compact and features Intel® Core™ Ultra processors for AI performance in the field.

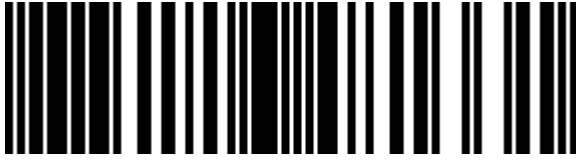
DELL RA13250. Product type: Laptop, Form factor: Clamshell. Processor family: Intel Core Ultra 5, Processor model: 135U. Display diagonal: 33.8 cm (13.3"), HD type: Full HD, Display resolution: 1920 x 1080 pixels, Touchscreen. Internal memory: 16 GB, Internal memory type: LPDDR5x-SDRAM. Total storage capacity: 512 GB, Storage media: SSD. On-board graphics card model: Intel® Graphics. Operating system installed: Windows 11 Pro. Product colour: Black

Design		Network	
Product type *	Laptop	Wi-Fi band	Tri-band (2.4 GHz / 5 GHz / 6 GHz)
Product colour *	Black	Wi-Fi data rate (max)	2400 Mbit/s
Form factor *	Clamshell	Antenna type	2x2
Rugged design	✓	WLAN controller model	Intel Wi-Fi 6E AX211
Built-in stylus pen storage	✓	WLAN controller manufacturer	Intel
Display		Ethernet LAN	✓
Display diagonal *	33.8 cm (13.3")	Ethernet LAN data rates	10,100,1000 Mbit/s
Display resolution *	1920 x 1080 pixels	Bluetooth	✓
Touchscreen *	✓	Near Field Communication (NFC)	✓
HD type	Full HD	WWAN	Upgradable
Panel type	WVA	MIMO	✓
LED backlight	✓	MIMO type	Multi User MIMO
Native aspect ratio	16:9	Antenna	internal antenna
Anti-glare screen	✓	Ports & interfaces	
Display brightness	1400 cd/m ²	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Pixel density	166 ppi	Ethernet LAN (RJ-45) ports	1
RGB colour space	sRGB	HDMI ports quantity *	1
Colour gamut	100%	HDMI version	2.1
Low Blue Light technology	✓	Thunderbolt 4 ports quantity	1
Maximum refresh rate	60 Hz	Intel® Thunderbolt 4	✓
Contrast ratio (typical)	1500:1	Combo headphone/mic port	✓
Processor		Serial ports quantity	1
Processor manufacturer *	Intel	PowerShare	✓
Processor family *	Intel Core Ultra 5	Performance	
Processor generation	Intel® Core™ Ultra (Series 1)	GPS (satellite)	✓
Processor model *	135U	Hall sensor	✓
Processor cores	12	Keyboard	
Processor threads	14	Pointing device	SinglePoint
Processor boost frequency	4.4 GHz		
Performance cores	2		



Processor		Keyboard	
Efficient cores	8	Numeric keypad *	✗
Low Power Efficient-cores	2	Keyboard backlit	✓
Performance-core Max Turbo Frequency	4.4 GHz	Keyboard backlit colour	RGB
Efficient-core Max Turbo Frequency	3.6 GHz	Keyboard language	US English
Low Power Efficient-core Max Turbo Frequency	2.1 GHz	Copilot key	✓
Neural processor unit (NPU)		Software	
Neural processor unit (NPU)	Intel AI Boost	Operating system architecture	64-bit
Maximum frequency NPU	1.4 GHz	Trial software	Activate Your Microsoft 365 For A 30 Day Trial
Sparsity support	✓	Operating system installed *	Windows 11 Pro
Windows Studio effects support	✓	Battery	
AI software frameworks supported by NPU	DirectML, ONNX RT, OpenVINO, Windows ML	Number of battery cells	3
Memory		Battery capacity *	53.5 Wh
Internal memory *	16 GB	Battery voltage	11.4 V
Internal memory type	LPDDR5x-SDRAM	Battery recharge time	2 h
Memory form factor	On-board	Fast charging	✓
Maximum internal memory *	16 GB	Battery weight	265 g
Memory channels	Dual-channel	Power	
Memory data transfer rate	6400 MT/s	AC adapter power	65 W
Storage		AC adapter frequency	50/60 Hz
Total storage capacity *	512 GB	AC adapter input voltage	100 - 240 V
Storage media *	SSD	AC adapter output current	1.5 A
Total SSDs capacity	512 GB	USB Type-C charging port *	✓
Number of SSDs installed	1	USB Power Delivery (USB PD)	✓
SSD capacity	512 GB	USB charging voltage	5,9,15,20 V
SSD interface	PCI Express 4.0	USB charging current	3.25 A
NVMe	✓	Security	
SSD form factor	M.2	Cable lock slot	✓
M.2 SSD size	2230 (22 x 30 mm)	Cable lock slot type	Wedge
Optical drive type *	✗	Fingerprint reader	✓
Card reader integrated	✓	Smart card reader	✓
Compatible memory cards	MicroSD (TransFlash), MicroSDHC, MicroSDXC	Trusted Platform Module (TPM)	✓
Graphics		Trusted Platform Module (TPM) version	2.0
Discrete graphics card model *	Not available	Dell ControlVault	✓
On-board graphics card *	✓	Operational conditions	
On-board GPU manufacturer	Intel	Operating temperature (T-T)	-29 - 63 °C
Discrete graphics card *	✗	Storage temperature (T-T)	-51 - 71 °C
On-board graphics card family	Intel® Graphics	Operating relative humidity (H-H)	10 - 95%
On-board graphics card model *	Intel® Graphics	Storage relative humidity (H-H)	5 - 95%
Audio		Operating altitude	0 - 12192 m
Audio chip	Realtek ALC3254	Non-operating altitude	0 - 12192 m
Audio system	High Definition Audio	Operating shock	160 G
Number of built-in speakers	2	Non-operating shock	185 G
Speaker power	2 W	Operating vibration	1.08 G
Built-in microphone	✓	Non-operating vibration	7.7 G
Number of microphones	2	Certificates	
		Wi-Fi certified	✓
		Certification	MIL-STD-810H
		Sustainability	
		Sustainability certificates	ENERGY STAR, EPEAT Gold
		Weight & dimensions	
		Width	324 mm
		Depth	220 mm
		Height	36.5 mm

Camera		Weight & dimensions	
Front camera	✓	Weight *	2.4 kg
Front camera resolution (numeric)	2 MP	Carbon footprint	
Front camera resolution	1920 x 1080 pixels	Total carbon footprint (kg of CO2e)	310
Front camera HD type	Full HD	Total carbon emissions, standard deviation (kg of CO2e)	51
Video capturing speed	30 fps	Carbon emissions, manufacturing (kg of CO2e)	242.11
Infrared (IR) camera	✓	Carbon emissions, logistics (kg of CO2e)	14.88
Privacy camera	✓	Carbon emissions, energy usage (kg of CO2e)	51.15
Privacy type	Privacy shutter	Carbon emissions, end-of-life (kg of CO2e)	2.48
Network		PAIA version	PAIA 1.4.2, 2025
Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)	Packaging content	
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6E (802.11ax)	AC adapter included *	✓
Mobile network connection *	✗		



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Catalog Object Cloud



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