



DELL Pro Rugged 14 RB14250 Intel Core Ultra 7 165U Laptop 35.6 cm (14") Full HD 16 GB DDR5-SDRAM 512 GB SSD Wi-Fi 6E (802.11ax) Windows 11 Pro Black

Brand : DELL

Product code: MC9P0

Product name : Pro Rugged 14 RB14250

- Windows 11 Pro 64-bit
- Intel Core Ultra 7 165U (12MB Cache)
- 35.6 cm (14") Full HD 1920 x 1080 WVA
- 16GB DDR5-SDRAM (2 x 8) & 512GB SSD
Intel Core Ultra 7 165U (12MB Cache), 16GB DDR5-SDRAM, 512GB SSD, 35.6 cm (14") Full HD 1920 x 1080 WVA, Intel Graphics, LAN, WLAN, Webcam, Windows 11 Pro 64-bit

DELL Pro Rugged 14 RB14250 Intel Core Ultra 7 165U Laptop 35.6 cm (14") Full HD 16 GB DDR5-SDRAM 512 GB SSD Wi-Fi 6E (802.11ax) Windows 11 Pro Black:

AI performance in the field

14 inch semi-rugged laptop that's lightweight and features Intel® Core™ Ultra processors for AI performance in the field.

DELL Pro Rugged 14 RB14250. 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 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 Graphics. Operating system installed: Windows 11 Pro. Product colour: Black. Weight: 2.04 kg



Design		Audio	
Product type *	Laptop	Number of built-in speakers	2
Product colour *	Black	Speaker power	2 W
Form factor *	Clamshell	Built-in microphone	✓
Rugged design	✓	Number of microphones	2
Display		Camera	
Display diagonal *	35.6 cm (14")	Front camera	✓
Display resolution *	1920 x 1080 pixels	Front camera resolution (numeric)	0.92 MP
Touchscreen *	✗	Front camera resolution	1280 x 720 pixels
HD type	Full HD	Front camera HD type	HD
Panel type	WVA	Video capturing speed	30 fps
Native aspect ratio	16:9	Network	
Anti-glare screen	✓	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Display brightness	400 cd/m ²	Wi-Fi standards	Wi-Fi 5 (802.11ac), 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 6E (802.11ax)
Pixel density	157 ppi	Mobile network connection *	✗
RGB colour space	sRGB	Antenna type	2x2
Colour gamut	100%	WLAN controller model	Intel Wi-Fi 6E AX211
Low Blue Light technology	✓	WLAN controller manufacturer	Intel
Maximum refresh rate	60 Hz	Ethernet LAN	✓
Contrast ratio (typical)	1500:1	Ethernet LAN data rates	10,100,1000 Mbit/s
Processor		Bluetooth	✓
Processor manufacturer *	Intel	Ports & interfaces	
Processor family *	Intel Core Ultra 7	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Processor generation	Intel® Core™ Ultra (Series 1)	Ethernet LAN (RJ-45) ports	1
Processor model *	165U	HDMI ports quantity *	1
Processor cores	12	HDMI version	2.1
Processor threads	14	Thunderbolt 4 ports quantity	1
Processor boost frequency	4.9 GHz	Intel® Thunderbolt 4	✓
Performance cores	2		
Efficient cores	8		
Low Power Efficient-cores	2		

Processor		Ports & interfaces	
Performance-core Max Turbo Frequency	4.9 GHz	Combo headphone/mic port	✓
Efficient-core Max Turbo Frequency	3.8 GHz	USB Type-C DisplayPort Alternate Mode	✓
Low Power Efficient-core Max Turbo Frequency	2.1 GHz	Performance	
Performance-core base frequency	1.7 GHz	Hall sensor	✓
Efficient-core base frequency	1.2 GHz	Keyboard	
Low Power Efficient-core Base Frequency	700 MHz	Pointing device	Touchpad
Processor cache	12 MB	Numeric keypad *	✗
Processor cache type	Smart Cache	Keyboard backlit	✓
Processor base power	15 W	Keyboard backlit colour	RGB
Maximum turbo power	57 W	Copilot key	✓
Neural processor unit (NPU)		Software	
Neural processor unit (NPU)	Intel AI Boost	Operating system architecture	64-bit
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	DDR5-SDRAM	Battery recharge time	2 h
Memory form factor	SO-DIMM	Fast charging	✓
Memory layout (slots x size)	2 x 8 GB	Battery weight	265 g
Memory slots	2x SO-DIMM	Power	
Maximum internal memory *	64 GB	AC adapter power	65 W
Memory data transfer rate	5600 MT/s	AC adapter frequency	50 - 60 Hz
Non-ECC	✓	AC adapter input voltage	100 - 240 V
Storage		AC adapter output current	1.7 A
Total storage capacity *	512 GB	AC adapter output voltage	20 V
Storage media *	SSD	USB Type-C charging port *	✓
Total SSDs capacity	512 GB	USB Power Delivery (USB PD)	✓
Number of SSDs installed	1	USB charging voltage	5,9,15,20 V
SSD capacity	512 GB	USB charging current	3.25 A
SSD interface	PCI Express 4.0	Security	
NVMe	✓	Trusted Platform Module (TPM)	✓
SSD form factor	M.2	Trusted Platform Module (TPM) version	2.0
SSD performance class	35	Operational conditions	
M.2 SSD size	2230 (22 x 30 mm)	Operating temperature (T-T)	-29 - 63 °C
Optical drive type *	✗	Storage temperature (T-T)	-51 - 71 °C
Card reader integrated	✓	Operating relative humidity (H-H)	10 - 95%
Compatible memory cards	MicroSD (TransFlash), MicroSDHC, MicroSDXC	Storage relative humidity (H-H)	5 - 95%
Graphics		Operating altitude	0 - 12192 m
Discrete graphics card model *	Not available	Non-operating altitude	0 - 12192 m
On-board graphics card *	✓	Operating shock	160 G
On-board GPU manufacturer	Intel	Non-operating shock	185 G
Discrete graphics card *	✗	Operating vibration	1.08 G
On-board graphics card family	Intel Graphics	Non-operating vibration	7.7 G
On-board graphics card model *	Intel Graphics	Weight & dimensions	
Audio		Width	340 mm
Audio chip	Realtek ALC3254	Depth	200 mm
		Height	33.6 mm
		Weight *	2.04 kg
		Packaging content	
		AC adapter included *	✓



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