



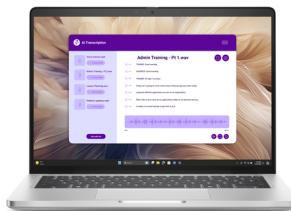
DELL Pro 14 Plus PB14250 Intel Core Ultra 7 255U Laptop 35.6 cm (14") Full HD+ 16 GB DDR5-SDRAM 512 GB SSD Wi-Fi 6E (802.11ax) Windows 11 Pro Aluminium

Brand : DELL

Product family: Pro

Product code:
BT0110_PB14250_EMEA

Product name : PB14250



DELL Pro 14 Plus PB14250. Product type: Laptop, Form factor: Clamshell. Processor family: Intel Core Ultra 7, Processor model: 255U. Display diagonal: 35.6 cm (14"), HD type: Full HD+, Display resolution: 1920 x 1200 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: Aluminium. Weight: 1.53 kg

Design		Camera	
Product type *	Laptop	Video capturing speed	30 fps
Product colour *	Aluminium	Infrared (IR) camera	✓
Form factor *	Clamshell		
Housing material	Aluminium		
Display		Network	
Display diagonal *	35.6 cm (14")	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Display resolution *	1920 x 1200 pixels	Wi-Fi standards	Wi-Fi 5 (802.11ac), 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 6E (802.11ax)
Touchscreen *	✗	Mobile network connection *	✗
HD type	Full HD+	Wi-Fi band	Tri-band (2.4 GHz / 5 GHz / 6 GHz)
Panel type	IPS	Antenna type	2x2
Native aspect ratio	16:10	WLAN controller model	Intel Wi-Fi 6E AX211
Anti-glare screen	✓	WLAN controller manufacturer	Intel
Display brightness	300 cd/m ²	Bluetooth	✓
Pixel density	162 ppi		
RGB colour space	NTSC		
Colour gamut	45%		
Maximum refresh rate	60 Hz		
Contrast ratio (typical)	600:1		
Processor		Ports & interfaces	
Processor manufacturer *	Intel	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Processor family *	Intel Core Ultra 7	HDMI ports quantity *	1
Processor generation	Intel Core Ultra (Series 2)	HDMI version	2.1
Processor model *	255U	Thunderbolt 4 ports quantity	2
Processor cores	12	Intel® Thunderbolt 4	✓
Processor threads	14	Combo headphone/mic port	✓
Processor boost frequency	5.2 GHz	USB Type-C DisplayPort Alternate Mode	✓
Performance cores	2	PowerShare	✓
Efficient cores	8	Number of USB ports with PowerShare support	1
Low Power Efficient-cores	2		
Performance-core Max Turbo Frequency	5.2 GHz		
Efficient-core Max Turbo Frequency	4.2 GHz	Keyboard	
Low Power Efficient-core Max Turbo Frequency	2.4 GHz	Pointing device	Touchpad
		Numeric keypad *	✗
		Keyboard backlit	✓
Software		Operating system architecture	
			64-bit

Processor		Software	
Performance-core base frequency	2 GHz		McAfee Business Protection 1-year, No Microsoft Office License included (Fed and Premier, Exception Only)
Efficient-core base frequency	1.7 GHz	Trial software	
Low Power Efficient-core Base Frequency	700 MHz	Operating system installed *	Windows 11 Pro
Processor cache	12 MB	Battery	
Processor base power	15 W	Number of battery cells	3
Maximum turbo power	57 W	Battery recharge time	4 h
Neural processor unit (NPU)		Fast charging	✓
Neural processor unit (NPU)	Intel AI Boost	Battery charge indicator	✓
Sparsity support	✓	Power	
Windows Studio effects support	✓	AC adapter power	65 W
AI software frameworks supported by NPU	DirectML, ONNX RT, OpenVINO, Windows ML	AC adapter frequency	50 - 60 Hz
NPU performance up to	12 TOPs	AC adapter input voltage	100 - 240 V
Memory		USB Type-C charging port *	✓
Internal memory *	16 GB	USB Type-C required charging power (min) *	27 W
Internal memory type	DDR5-SDRAM	USB Power Delivery (USB PD)	✓
Memory form factor	SO-DIMM	USB charging voltage	5,9,15,20 V
Memory layout (slots x size)	1 x 16 GB	Security	
Memory slots	2x SO-DIMM	Cable lock slot	✓
Maximum internal memory *	64 GB	Cable lock slot type	Wedge
Memory data transfer rate	5600 MT/s	Fingerprint reader	✓
Storage		Smart card reader	✓
Total storage capacity *	512 GB	Trusted Platform Module (TPM)	✓
Storage media *	SSD	Trusted Platform Module (TPM) version	2.0
Total SSDs capacity	512 GB	Operational conditions	
Number of SSDs installed	1	Operating temperature (T-T)	0 - 35 °C
SSD capacity	512 GB	Storage temperature (T-T)	-40 - 65 °C
SSD interface	PCI Express 4.0	Operating relative humidity (H-H)	10 - 90%
NVMe	✓	Storage relative humidity (H-H)	0 - 95%
SSD form factor	M.2	Operating altitude	-15.2 - 3048 m
Optical drive type *	✗	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 *	✗	Weight & dimensions	
On-board graphics card family	Intel Graphics	Width	224 mm
On-board graphics card model *	Intel Graphics	Depth	313.5 mm
Audio		Height	21.2 mm
Audio chip	Cirrus Logic CS42L43	Height (front)	1.95 cm
Number of built-in speakers	2	Height (rear)	2 cm
Speaker power	2.5 W	Weight *	1.53 kg
Built-in microphone	✓	Carbon footprint	
Number of microphones	2	Total carbon footprint (kg of CO2e)	108
Camera		Carbon emissions, manufacturing (kg of CO2e)	76.896
Front camera	✓	Carbon emissions, logistics (kg of CO2e)	4.536
Front camera resolution (numeric)	2.07 MP	Carbon emissions, energy usage (kg of CO2e)	24.516
Front camera resolution	1920 x 1080 pixels	Carbon emissions, end-of-life (kg of CO2e)	2.052
Front camera HD type	Full HD	PAIA version	GaBi version 1, 2024
Packaging content		AC adapter included *	✓

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