



## 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

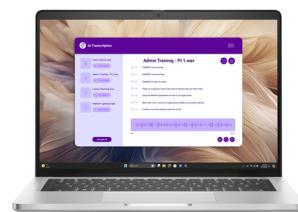
**Brand :** DELL

**Product family:** Pro

**Product code:**  
BTO110\_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	Network	
Housing material	Aluminium	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Display		Wi-Fi standards	Wi-Fi 5 (802.11ac), 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 6E (802.11ax)
Display diagonal *	35.6 cm (14")	Mobile network connection *	✗
Display resolution *	1920 x 1200 pixels	Wi-Fi band	Tri-band (2.4 GHz / 5 GHz / 6 GHz)
Touchscreen *	✗	Antenna type	2x2
HD type	Full HD+	WLAN controller model	Intel Wi-Fi 6E AX211
Panel type	IPS	WLAN controller manufacturer	Intel
Native aspect ratio	16:10	Bluetooth	✓
Anti-glare screen	✓	Ports & interfaces	
Display brightness	300 cd/m <sup>2</sup>	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Pixel density	162 ppi	HDMI ports quantity *	1
RGB colour space	NTSC	HDMI version	2.1
Colour gamut	45%	Thunderbolt 4 ports quantity	2
Maximum refresh rate	60 Hz	Intel® Thunderbolt 4	✓
Contrast ratio (typical)	600:1	Combo headphone/mic port	✓
Processor		USB Type-C DisplayPort Alternate Mode	✓
Processor manufacturer *	Intel	PowerShare	✓
Processor family *	Intel Core Ultra 7	Number of USB ports with PowerShare support	1
Processor generation	Intel Core Ultra (Series 2)	Keyboard	
Processor model *	255U	Pointing device	Touchpad
Processor cores	12	Numeric keypad *	✗
Processor threads	14	Keyboard backlit	✓
Processor boost frequency	5.2 GHz	Software	
Performance cores	2	Operating system architecture	64-bit
Efficient cores	8		
Low Power Efficient-cores	2		
Performance-core Max Turbo Frequency	5.2 GHz		
Efficient-core Max Turbo Frequency	4.2 GHz		
Low Power Efficient-core Max Turbo Frequency	2.4 GHz		

Processor		Software	
Performance-core base frequency	2 GHz	Trial software	McAfee Business Protection 1-year, No Microsoft Office License included (Fed and Premier, Exception Only)
Efficient-core base frequency	1.7 GHz		
Low Power Efficient-core Base Frequency	700 MHz		
Processor cache	12 MB	Operating system installed *	Windows 11 Pro
Processor base power	15 W	Battery	
Maximum turbo power	57 W	Number of battery cells	3
Neural processor unit (NPU)		Battery recharge time	4 h
Neural processor unit (NPU)	Intel AI Boost	Fast charging	✓
Sparsity support	✓	Battery charge indicator	✓
Windows Studio effects support	✓	Power	
AI software frameworks supported by NPU	DirectML, ONNX RT, OpenVINO, Windows ML	AC adapter power	65 W
NPU performance up to	12 TOPs	AC adapter frequency	50 - 60 Hz
Memory		AC adapter input voltage	100 - 240 V
Internal memory *	16 GB	USB Type-C charging port *	✓
Internal memory type	DDR5-SDRAM	USB Type-C required charging power (min) *	27 W
Memory form factor	SO-DIMM	USB Power Delivery (USB PD)	✓
Memory layout (slots x size)	1 x 16 GB	USB charging voltage	5,9,15,20 V
Memory slots	2x SO-DIMM	Security	
Maximum internal memory *	64 GB	Cable lock slot	✓
Memory data transfer rate	5600 MT/s	Cable lock slot type	Wedge
Storage		Fingerprint reader	✓
Total storage capacity *	512 GB	Smart card reader	✓
Storage media *	SSD	Trusted Platform Module (TPM)	✓
Total SSDs capacity	512 GB	Trusted Platform Module (TPM) version	2.0
Number of SSDs installed	1	Operational conditions	
SSD capacity	512 GB	Operating temperature (T-T)	0 - 35 °C
SSD interface	PCI Express 4.0	Storage temperature (T-T)	-40 - 65 °C
NVMe	✓	Operating relative humidity (H-H)	10 - 90%
SSD form factor	M.2	Storage relative humidity (H-H)	0 - 95%
Optical drive type *	✗	Operating altitude	-15.2 - 3048 m
Graphics		Non-operating altitude	-15.2 - 10668 m
Discrete graphics card model *	Not available	Operating shock	110 G
On-board graphics card *	✓	Non-operating shock	160 G
On-board GPU manufacturer	Intel	Operating vibration	0.66 G
Discrete graphics card *	✗	Non-operating vibration	1.3 G
On-board graphics card family	Intel Graphics	Weight & dimensions	
On-board graphics card model *	Intel Graphics	Width	224 mm
Audio		Depth	313.5 mm
Audio chip	Cirrus Logic CS42L43	Height	21.2 mm
Number of built-in speakers	2	Height (front)	1.95 cm
Speaker power	2.5 W	Height (rear)	2 cm
Built-in microphone	✓	Weight *	1.53 kg
Number of microphones	2	Carbon footprint	
Camera		Total carbon footprint (kg of CO2e)	108
Front camera	✓	Carbon emissions, manufacturing (kg of CO2e)	76.896
Front camera resolution (numeric)	2.07 MP	Carbon emissions, logistics (kg of CO2e)	4.536
Front camera resolution	1920 x 1080 pixels	Carbon emissions, energy usage (kg of CO2e)	24.516
Front camera HD type	Full HD	Carbon emissions, end-of-life (kg of CO2e)	2.052
		PAIA version	GaBi version 1, 2024
		Packaging content	
		AC adapter included *	✓

## Catalog Object Cloud



Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity.