



DELL Pro 14 Plus PB14250 Intel Core Ultra 5 235U Laptop 35.6 cm (14") Full HD+ 16 GB DDR5-SDRAM 512 GB SSD Wi-Fi 6E (802.11ax) Windows 11 Pro German Aluminium

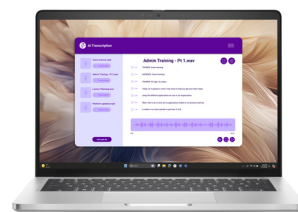
Brand : DELL

Product family: Pro

Product code: 42MTJ

Product name : PB14250

DELL Pro 14 Plus PB14250. Product type: Laptop, Form factor: Clamshell. Processor family: Intel Core Ultra 5, Processor model: 235U. 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		Network	
Product type *	Laptop	Wi-Fi data rate (max)	2400 Mbit/s
Product colour *	Aluminium	Antenna type	2x2
Form factor *	Clamshell	WLAN controller model	Intel Wi-Fi 6E AX211
Housing material	Aluminium	WLAN controller manufacturer	Intel
Intel® vPro™ Platform Eligibility	✓	Ethernet LAN	✓
Display		Ethernet LAN data rates	10,100,1000 Mbit/s
Display diagonal *	35.6 cm (14")	Bluetooth	✓
Display resolution *	1920 x 1200 pixels	Near Field Communication (NFC)	✓
Touchscreen *	✗	WWAN	Upgradable
HD type	Full HD+	Ports & interfaces	
Panel type	IPS	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Anti-glare screen	✓	Ethernet LAN (RJ-45) ports	1
Display brightness	300 cd/m²	HDMI ports quantity *	1
Pixel density	162 ppi	HDMI version	2.1
RGB colour space	NTSC	Thunderbolt 4 ports quantity	2
Colour gamut	45%	Intel® Thunderbolt 4	✓
Maximum refresh rate	60 Hz	Combo headphone/mic port	✓
Contrast ratio (typical)	600:1	USB Type-C DisplayPort Alternate Mode	✓
Processor		PowerShare	✓
Processor manufacturer *	Intel	Number of USB ports with PowerShare support	1
Processor family *	Intel Core Ultra 5	Keyboard	
Processor generation	Intel Core Ultra (Series 2)	Pointing device	Touchpad
Processor model *	235U	Numeric keypad *	✗
Processor cores	12	Keyboard backlit	✓
Processor threads	14	Keyboard language	German
Processor boost frequency	4.9 GHz	Copilot key	✓
Performance cores	2	Software	
Efficient cores	8	Operating system architecture	64-bit
Low Power Efficient-cores	2	Trial software	Activate Your Microsoft 365 For A 30 Day Trial
Performance-core Max Turbo Frequency	4.9 GHz		
Efficient-core Max Turbo Frequency	4.1 GHz		
Low Power Efficient-core Max Turbo Frequency	2.4 GHz		

Processor		Software	
Performance-core base frequency	2 GHz	Operating system installed *	Windows 11 Pro
Efficient-core base frequency	1.6 GHz	Brand-specific features	
Low Power Efficient-core Base Frequency	700 MHz	Brand specific technologies	Control Vault 3+, Express Charge Boost capable, TNR
Processor cache	12 MB	Battery	
Processor base power	15 W	Number of battery cells	3
Maximum turbo power	57 W	Battery capacity *	55 Wh
Neural processor unit (NPU)		Battery voltage	11.7 V
Neural processor unit (NPU)	Intel AI Boost	Battery recharge time	4 h
Sparsity support	✓	Fast charging	✓
Windows Studio effects support	✓	Battery charge indicator	✓
AI software frameworks supported by NPU	DirectML, ONNX RT, OpenVINO, Windows ML	Battery weight	220 g
NPU performance up to	12 TOPs	Power	
Memory		AC adapter power	65 W
Internal memory *	16 GB	AC adapter frequency	50 - 60 Hz
Internal memory type	DDR5-SDRAM	AC adapter input voltage	100 - 240 V
Memory form factor	SO-DIMM	USB Type-C charging port *	✓
Memory layout (slots x size)	1 x 16 GB	USB Type-C required charging power (min) *	27 W
Memory slots	2x SO-DIMM	USB Type-C required charging power (max) *	72 W
Maximum internal memory *	64 GB	USB Power Delivery (USB PD)	✓
Memory data transfer rate	5600 MT/s	USB charging voltage	5,9,15,20 V
Storage		Security	
Total storage capacity *	512 GB	Cable lock slot	✓
Storage media *	SSD	Cable lock slot type	Wedge
Total SSDs capacity	512 GB	Fingerprint reader	✓
Number of SSDs installed	1	Smart card reader	✓
SSD capacity	512 GB	Face recognition	✓
SSD interface	PCI Express 4.0	Trusted Platform Module (TPM)	✓
NVMe	✓	Trusted Platform Module (TPM) version	2.0
SSD form factor	M.2	Operational conditions	
Optical drive type *	✗	Operating temperature (T-T)	0 - 35 °C
Graphics		Storage temperature (T-T)	-40 - 65 °C
Discrete graphics card model *	Not available	Operating relative humidity (H-H)	10 - 90%
On-board graphics card *	✓	Storage relative humidity (H-H)	0 - 95%
On-board GPU manufacturer	Intel	Operating altitude	-15.2 - 3048 m
Discrete graphics card *	✗	Non-operating altitude	-15.2 - 10668 m
On-board graphics card family	Intel® Graphics	Operating shock	110 G
On-board graphics card model *	Intel® Graphics	Non-operating shock	160 G
Audio		Operating vibration	0.66 G
Audio chip	Cirrus Logic CS42L43	Non-operating vibration	1.3 G
Number of built-in speakers	2	Weight & dimensions	
Speaker power	2.5 W	Width	224 mm
Built-in microphone	✓	Depth	313.5 mm
Number of microphones	2	Height	21.2 mm
Camera		Height (front)	1.95 cm
Front camera	✓	Height (rear)	2 cm
Front camera resolution (numeric)	2.07 MP	Weight *	1.53 kg
Front camera resolution	1920 x 1080 pixels	Carbon footprint	
Front camera HD type	Full HD	Total carbon footprint (kg of CO2e)	108
Video capturing speed	30 fps	Carbon emissions, manufacturing (kg of CO2e)	76.896
Infrared (IR) camera	✓	Carbon emissions, logistics (kg of CO2e)	4.536
Privacy camera	✓		
Privacy type	Privacy shutter		
Network			
Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)		

Network		Carbon footprint	
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6E (802.11ax)	Carbon emissions, energy usage (kg of CO2e)	24.516
Mobile network connection *	✗	Carbon emissions, end-of-life (kg of CO2e)	2.052
Wi-Fi band	Tri-band (2.4 GHz / 5 GHz / 6 GHz)	PAIA version	GaBi version 1, 2024
Packaging content			
		AC adapter included *	✓



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