



DELL Pro 14 Plus PB14250 Copilot+ PC Intel Core Ultra 5 236V Laptop 35.6 cm (14") Full HD+ 16 GB LPDDR5x-SDRAM 512 GB SSD Wi-Fi 7 (802.11be) Windows 11 Pro German Aluminium

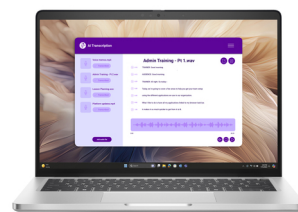
Brand : DELL

Product family: Pro

Product code: N4FR8

Product name : PB14250

DELL Pro 14 Plus PB14250. Product type: Laptop, Form factor: Clamshell. Processor family: Intel Core Ultra 5, Processor model: 236V. Display diagonal: 35.6 cm (14"), HD type: Full HD+, Display resolution: 1920 x 1200 pixels. Internal memory: 16 GB, Internal memory type: LPDDR5x-SDRAM. Total storage capacity: 512 GB, Storage media: SSD. On-board graphics card model: Intel Arc Graphics 130V. Operating system installed: Windows 11 Pro. Product colour: Aluminium. Weight: 1.53 kg



Design		Network	
Product type *	Laptop	Wi-Fi band	Tri-band (2.4 GHz / 5 GHz / 6 GHz)
Product colour *	Aluminium	Wi-Fi data rate (max)	5760 Mbit/s
Form factor *	Clamshell	Antenna type	2x2
Housing material	Aluminium	WLAN controller model	Intel Wi-Fi 7 BE201
Intel® vPro™ Platform Eligibility	✓	WLAN controller manufacturer	Intel
Display		Bluetooth	✓
Display diagonal *	35.6 cm (14")	Near Field Communication (NFC)	✓
Display resolution *	1920 x 1200 pixels	WWAN	Upgradable
Touchscreen *	✗	Ports & interfaces	
HD type	Full HD+	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Panel type	IPS	HDMI ports quantity *	1
Native aspect ratio	16:10	HDMI version	2.1
Anti-glare screen	✓	Thunderbolt 4 ports quantity	2
Display brightness	300 cd/m²	Intel® Thunderbolt 4	✓
Pixel density	162 ppi	Combo headphone/mic port	✓
RGB colour space	NTSC	USB Type-C DisplayPort Alternate Mode	✓
Colour gamut	45%	PowerShare	✓
Maximum refresh rate	60 Hz	Number of USB ports with PowerShare support	1
Contrast ratio (typical)	600:1	Keyboard	
Processor		Pointing device	Touchpad
Processor manufacturer *	Intel	Numeric keypad *	✗
Processor family *	Intel Core Ultra 5	Keyboard backlit	✓
Processor generation	Intel Core Ultra (Series 2)	Keyboard language	German
Processor model *	236V	Copilot key	✓
Processor cores	8	Software	
Processor threads	8	Operating system architecture	64-bit
Processor boost frequency	4.7 GHz	Trial software	Activate Your Microsoft 365 For A 30 Day Trial
Performance cores	4	Operating system installed *	Windows 11 Pro
Low Power Efficient-cores	4		
Performance-core Max Turbo Frequency	4.7 GHz		
Low Power Efficient-core Max Turbo Frequency	3.5 GHz		
Performance-core base frequency	2.1 GHz		

Processor		Brand-specific features	
Low Power Efficient-core Base Frequency	2100 MHz	Brand specific technologies	Control Vault 3+, Express Charge Boost capable, TNR
Processor cache	8 MB	Battery	
Processor cache type	Smart Cache	Number of battery cells	3
Processor base power	17 W	Battery capacity *	55 Wh
Maximum turbo power	37 W	Battery voltage	11.7 V
Neural processor unit (NPU)		Battery recharge time	4 h
Copilot+ PC	✓	Fast charging	✓
Neural processor unit (NPU)	Intel AI Boost	Battery charge indicator	✓
Sparsity support	✓	Battery weight	220 g
Windows Studio effects support	✓	Power	
AI software frameworks supported by NPU	DirectML, OpenVINO, Windows ML, ONNX RT, WebNN	AC adapter power	65 W
Total processor performance up to	97 TOPs	AC adapter frequency	50 - 60 Hz
NPU performance up to	40 TOPs	AC adapter input voltage	100 - 240 V
GPU performance up to	53 TOPs	USB Type-C charging port *	✓
Memory		USB Type-C required charging power (min) *	27 W
Internal memory *	16 GB	USB Type-C required charging power (max) *	72 W
Internal memory type	LPDDR5x-SDRAM	USB Power Delivery (USB PD)	✓
Memory form factor	On-board	USB charging voltage	5,9,15,20 V
Maximum internal memory *	16 GB	Security	
Memory data transfer rate	8533 MT/s	Cable lock slot	✓
Storage		Cable lock slot type	Wedge
Total storage capacity *	512 GB	Fingerprint reader	✓
Storage media *	SSD	Smart card reader	✓
Total SSDs capacity	512 GB	Face recognition	✓
Number of SSDs installed	1	Trusted Platform Module (TPM)	✓
SSD capacity	512 GB	Trusted Platform Module (TPM) version	2.0
SSD interface	PCI Express 4.0	Operational conditions	
NVMe	✓	Operating temperature (T-T)	0 - 35 °C
SSD form factor	M.2	Storage temperature (T-T)	-40 - 65 °C
Optical drive type *	✗	Operating relative humidity (H-H)	10 - 90%
Graphics		Storage relative humidity (H-H)	0 - 95%
Discrete graphics card model *	Not available	Operating altitude	-15.2 - 3048 m
On-board graphics card *	✓	Non-operating altitude	-15.2 - 10668 m
On-board GPU manufacturer	Intel	Operating shock	110 G
Discrete graphics card *	✗	Non-operating shock	160 G
On-board graphics card family	Intel Arc Graphics	Operating vibration	0.66 G
On-board graphics card model *	Intel Arc Graphics 130V	Non-operating vibration	1.3 G
Audio		Weight & dimensions	
Audio chip	Cirrus Logic CS42L43	Width	224 mm
Number of built-in speakers	2	Depth	313.5 mm
Speaker power	2 W	Height	21.2 mm
Built-in microphone	✓	Height (front)	1.95 cm
Number of microphones	2	Height (rear)	2 cm
Camera		Weight *	1.53 kg
Front camera	✓	Carbon footprint	
Front camera resolution (numeric)	5.2 MP	Total carbon footprint (kg of CO2e)	108
Front camera resolution	2560 x 1440 pixels	Carbon emissions, manufacturing (kg of CO2e)	76.896
Front camera HD type	Full HD	Carbon emissions, logistics (kg of CO2e)	4.536
Video capturing speed	30 fps	Carbon emissions, energy usage (kg of CO2e)	24.516
Infrared (IR) camera	✓	Carbon emissions, end-of-life (kg of CO2e)	2.052
Privacy camera	✓	Network	
Privacy type	Privacy shutter	Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
Network			

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), Wi-Fi 7 (802.11be)	PAIA version	GaBi version 1, 2024
		Packaging content	
Mobile network connection *	✗	AC adapter included *	✓



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