



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 German Aluminium

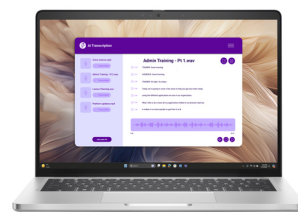
Brand : DELL

Product family: Pro

Product code: 7115F

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		Network	
Product type *	Laptop	Antenna type	2x2
Product colour *	Aluminium	WLAN controller model	Intel Wi-Fi 6E AX211
Form factor *	Clamshell	WLAN controller manufacturer	Intel
Housing material	Aluminium	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 7	Keyboard	
Processor generation	Intel Core Ultra (Series 2)	Pointing device	Touchpad
Processor model *	255U	Numeric keypad *	✗
Processor cores	12	Keyboard backlit	✓
Processor threads	14	Keyboard language	German
Processor boost frequency	5.2 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	5.2 GHz	Operating system installed *	Windows 11 Pro
Efficient-core Max Turbo Frequency	4.2 GHz		
Low Power Efficient-core Max Turbo Frequency	2.4 GHz		
Performance-core base frequency	2 GHz		

Processor		Brand-specific features	
Efficient-core base frequency	1.7 GHz	Brand specific technologies	Control Vault 3+, Express Charge Boost capable, TNR
Low Power Efficient-core Base Frequency	700 MHz	Battery	
Processor cache	12 MB	Number of battery cells	3
Processor base power	15 W	Battery capacity *	55 Wh
Maximum turbo power	57 W	Battery voltage	11.7 V
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	✓	Battery weight	220 g
AI software frameworks supported by NPU	DirectML, ONNX RT, OpenVINO, Windows ML	Power	
NPU performance up to	12 TOPs	AC adapter power	65 W
Memory		AC adapter frequency	50 - 60 Hz
Internal memory *	16 GB	AC adapter input voltage	100 - 240 V
Internal memory type	DDR5-SDRAM	USB Type-C charging port *	✓
Memory form factor	SO-DIMM	USB Type-C required charging power (min) *	27 W
Memory layout (slots x size)	1 x 16 GB	USB Type-C required charging power (max) *	72 W
Memory slots	2x SO-DIMM	USB Power Delivery (USB PD)	✓
Maximum internal memory *	64 GB	USB charging voltage	5,9,15,20 V
Memory data transfer rate	5600 MT/s	Security	
Storage		Cable lock slot	✓
Total storage capacity *	512 GB	Cable lock slot type	Wedge
Storage media *	SSD	Fingerprint reader	✓
Total SSDs capacity	512 GB	Smart card reader	✓
Number of SSDs installed	1	Face recognition	✓
SSD capacity	512 GB	Trusted Platform Module (TPM)	✓
SSD interface	PCI Express 4.0	Trusted Platform Module (TPM) version	2.0
NVMe	✓	Operational conditions	
SSD form factor	M.2	Operating temperature (T-T)	0 - 35 °C
Optical drive type *	✗	Storage temperature (T-T)	-40 - 65 °C
Graphics		Operating relative humidity (H-H)	10 - 90%
Discrete graphics card model *	Not available	Storage relative humidity (H-H)	0 - 95%
On-board graphics card *	✓	Operating altitude	-15.2 - 3048 m
On-board GPU manufacturer	Intel	Non-operating altitude	-15.2 - 10668 m
Discrete graphics card *	✗	Operating shock	110 G
On-board graphics card family	Intel® Graphics	Non-operating shock	160 G
On-board graphics card model *	Intel® Graphics	Operating vibration	0.66 G
Audio		Non-operating vibration	1.3 G
Audio chip	Cirrus Logic CS42L43	Weight & dimensions	
Number of built-in speakers	2	Width	224 mm
Speaker power	2.5 W	Depth	313.5 mm
Built-in microphone	✓	Height	21.2 mm
Number of microphones	2	Height (front)	1.95 cm
Camera		Height (rear)	2 cm
Front camera	✓	Weight *	1.53 kg
Front camera resolution (numeric)	2.07 MP	Carbon footprint	
Front camera resolution	1920 x 1080 pixels	Total carbon footprint (kg of CO2e)	108
Front camera HD type	Full HD	Carbon emissions, manufacturing (kg of CO2e)	76.896
Video capturing speed	30 fps	Carbon emissions, logistics (kg of CO2e)	4.536
Infrared (IR) camera	✓	Carbon emissions, energy usage (kg of CO2e)	24.516
Privacy camera	✓	Carbon emissions, end-of-life (kg of CO2e)	2.052
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)	PAIA version	GaBi version 1, 2024
Mobile network connection *	✗	Packaging content	
Wi-Fi band	Tri-band (2.4 GHz / 5 GHz / 6 GHz)	AC adapter included *	✓
Wi-Fi data rate (max)	2400 Mbit/s		



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Catalog Object Cloud



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