



DELL Pro 14 Premium PA14250 Copilot+ PC Intel Core Ultra 7 268V Laptop 35.6 cm (14") Touchscreen Quad HD+ 32 GB LPDDR5x-SDRAM 512 GB SSD Wi-Fi 7 (802.11be) Windows 11 Pro Grey US English



Brand : DELL

Product family: Pro

Product code: HN81R

Product name : PA14250

- Windows 11 Pro 64-bit
- Intel Core Ultra 7 268V (12MB Cache)
- 14" Quad HD+ 2880 x 1800 OLED Touch
- 32GB LPDDR5x-SDRAM & 512GB SSD
Intel Core Ultra 7 268V (12MB Cache), 32GB LPDDR5x-SDRAM, 512GB SSD, 14" Quad HD+ 2880 x 1800 OLED Touch, Intel Arc Graphics 140V, WLAN, Webcam, Windows 11 Pro 64-bit

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The ultimate in design and mobility for AI PCs. Expertly crafted to be portable and quiet with the most premium collaboration features, on-device AI, sharpest display, and all-day battery life.

DELL Pro 14 Premium PA14250. Product type: Laptop, Form factor: Clamshell. Processor family: Intel Core Ultra 7, Processor model: 268V. Display diagonal: 35.6 cm (14"), HD type: Quad HD+, Display resolution: 2880 x 1800 pixels, Touchscreen. Internal memory: 32 GB, Internal memory type: LPDDR5x-SDRAM. Total storage capacity: 512 GB, Storage media: SSD. On-board graphics card model: Intel Arc Graphics 140V. Operating system installed: Windows 11 Pro. Product colour: Grey

Design		Network	
Product type *	Laptop	Mobile network connection *	✗
Product colour *	Grey	Wi-Fi band	Tri-band (2.4 GHz / 5 GHz / 6 GHz)
Form factor *	Clamshell	Wi-Fi data rate (max)	5670 Mbit/s
Housing material	Magnesium	Antenna type	2x2
Market positioning	Premium	WLAN controller model	Intel Wi-Fi 7 BE201
Intel® vPro™ Platform Eligibility	✓	WLAN controller manufacturer	Intel
Display		Ethernet LAN	✗
Display diagonal *	35.6 cm (14")	Bluetooth	✓
Display resolution *	2880 x 1800 pixels	Ports & interfaces	
Touchscreen *	✓	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1
HD type	Quad HD+	HDMI ports quantity *	1
Panel type	IPS	HDMI version	2.1
Display technology marketing name	ComfortView Plus	Thunderbolt 4 ports quantity	2
LED backlight	✓	Combo headphone/mic port	✓
Native aspect ratio	16:10	USB Type-C DisplayPort Alternate Mode	✓
Anti-glare screen	✓	PowerShare	✓
Display brightness	400 cd/m²	Performance	
Pixel density	242 ppi	Motherboard chipset	Intel SoC
RGB colour space	sRGB	Accelerometer	✓
Colour gamut	100%	Hall sensor	✓
Maximum refresh rate	60 Hz	Keyboard	
Contrast ratio (typical)	1000000:1	Pointing device	Touchpad
Processor		Numeric keypad *	✗
Processor manufacturer *	Intel	Keyboard backlight	✓
Processor family *	Intel Core Ultra 7	Keyboard language	US English
Processor generation	Intel Core Ultra (Series 2)	Copilot key	✓
Processor model *	268V		
Processor cores	8		
Processor threads	8		
Processor boost frequency	5 GHz		

Processor		Software	
Performance cores	4	Operating system architecture	64-bit
Low Power Efficient-cores	4	Trial software	Activate Your Microsoft 365 For A 30 Day Trial
Performance-core Max Turbo Frequency	5 GHz	Operating system installed *	Windows 11 Pro
Low Power Efficient-core Max Turbo Frequency	3.7 GHz	Bundled software	Dell Additional Software - Dell Pro Laptop
Performance-core base frequency	2.2 GHz	Processor special features	
Low Power Efficient-core Base Frequency	2200 MHz	Intel® Evo™ Platform Verified	✓
Processor cache	12 MB	Brand-specific features	
Processor cache type	Smart Cache	Brand specific technologies	Battery-saving Mini-LED, Express Charge Boost capable, Presence Detection, HDR Camera, TNR
Processor socket	BGA 2833		
Processor base power	17 W	Battery	
Maximum turbo power	37 W	Battery technology	Lithium-Ion (Li-Ion)
Neural processor unit (NPU)		Number of battery cells	3
Copilot+ PC	✓	Battery capacity *	60 Wh
Neural processor unit (NPU)	Intel AI Boost	Battery voltage	11.7 V
Sparsity support	✓	Battery recharge time	4 h
Windows Studio effects support	✓	Fast charging	✓
AI software frameworks supported by NPU	DirectML, OpenVINO, Windows ML, ONNX RT, WebNN	Battery weight	215 g
Total processor performance up to	118 TOPs	Power	
NPU performance up to	48 TOPs	AC adapter power	65 W
GPU performance up to	66 TOPs	AC adapter frequency	50/60 Hz
Memory		AC adapter input voltage	100 - 240 V
Internal memory *	32 GB	USB Type-C charging port *	✓
Internal memory type	LPDDR5x-SDRAM	USB Type-C required charging power (min) *	27 W
Memory form factor	On-board	USB Power Delivery (USB PD)	✓
Maximum internal memory *	32 GB	USB charging voltage	20,5,9,15 V
Memory data transfer rate	8533 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	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 140V	Non-operating vibration	1.3 G
Audio		Sustainability	
Audio chip	Cirrus CS42L43 / Cirrus CS35L56	Sustainability certificates	TCO, ENERGY STAR, EPEAT Climate +, EPEAT Gold
Number of built-in speakers	4		
Speaker power	2 W	Weight & dimensions	
Built-in microphone	✓	Width	311.2 mm
Camera		Depth	216.7 mm
Front camera	✓	Height (front)	1.64 cm
Front camera resolution (numeric)	8 MP	Height (rear)	1.7 cm
Front camera resolution	2560 x 1440 pixels	Weight *	1.14 kg
Video capturing speed	30 fps		

Camera		Carbon footprint	
Infrared (IR) camera	✓	Total carbon footprint (kg of CO2e)	104
Privacy camera	✓	Carbon emissions, manufacturing (kg of CO2e)	75.09
Privacy type	Privacy shutter	Carbon emissions, logistics (kg of CO2e)	3.95
Network		Carbon emissions, energy usage (kg of CO2e)	23.4
Top Wi-Fi standard *	Wi-Fi 7 (802.11be)	Carbon emissions, end-of-life (kg of CO2e)	1.56
Wi-Fi standards	802.11a, Wi-Fi 5 (802.11ac), Wi-Fi 7 (802.11be), 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 6E (802.11ax)	PAIA version	GaBi version 1, 2024
		Packaging content	
		AC adapter included *	✓



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