



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: PVF27

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	OLED	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 glass type	Gorilla Glass	Performance	
Display brightness	400 cd/m²	Motherboard chipset	Intel SoC
Pixel density	242 ppi	Accelerometer	✓
RGB colour space	sRGB	Hall sensor	✓
Colour gamut	100%	Keyboard	
Maximum refresh rate	60 Hz	Pointing device	Touchpad
Contrast ratio (typical)	1000000:1	Numeric keypad *	✗
Processor		Keyboard backlit	✓
Processor manufacturer *	Intel	Keyboard language	US English
Processor family *	Intel Core Ultra 7	Copilot key	✓
Processor generation	Intel Core Ultra (Series 2)		
Processor model *	268V		
Processor cores	8		
Processor threads	8		

Processor		Software	
Processor boost frequency	5 GHz	Operating system architecture	64-bit
Performance cores	4	Trial software	Activate Your Microsoft 365 For A 30 Day Trial
Low Power Efficient-cores	4	Operating system installed *	Windows 11 Pro
Performance-core Max Turbo Frequency	5 GHz	Bundled software	Dell Additional Software - Dell Pro Laptop
Low Power Efficient-core Max Turbo Frequency	3.7 GHz		
Performance-core base frequency	2.2 GHz		
Low Power Efficient-core Base Frequency	2200 MHz		
Processor cache	12 MB		
Processor cache type	Smart Cache		
Processor base power	17 W		
Maximum turbo power	37 W		
Neural processor unit (NPU)		Processor special features	
Copilot+ PC	✓	Intel® Evo™ Platform Verified	✓
Neural processor unit (NPU)	Intel AI Boost		
Sparsity support	✓		
Windows Studio effects support	✓		
AI software frameworks supported by NPU	DirectML, OpenVINO, Windows ML, ONNX RT, WebNN		
Total processor performance up to	118 TOPs		
NPU performance up to	48 TOPs		
GPU performance up to	66 TOPs		
Memory		Brand-specific features	
Internal memory *	32 GB	Brand specific technologies	Battery-saving Mini-LED, Express Charge Boost capable, TNR, HDR Camera, Zero-lattice Keyboard, Presence Detection
Internal memory type	LPDDR5x-SDRAM		
Memory form factor	On-board		
Maximum internal memory *	32 GB		
Memory data transfer rate	8533 MT/s		
Storage		Battery	
Total storage capacity *	512 GB	Battery technology	Lithium-Ion (Li-Ion)
Storage media *	SSD	Number of battery cells	3
Total SSDs capacity	512 GB	Battery capacity *	60 Wh
Number of SSDs installed	1	Battery voltage	11.7 V
SSD capacity	512 GB	Battery recharge time	4 h
SSD interface	PCI Express 4.0	Fast charging	✓
NVMe	✓	Battery weight	215 g
SSD form factor	M.2		
Optical drive type *	✗		
Card reader integrated	✗		
Graphics		Power	
Discrete graphics card model *	Not available	AC adapter power	65 W
On-board graphics card *	✓	AC adapter frequency	50/60 Hz
On-board GPU manufacturer	Intel	AC adapter input voltage	100 - 240 V
Discrete graphics card *	✗	USB Type-C charging port *	✓
On-board graphics card family	Intel Arc Graphics	USB Type-C required charging power (min) *	27 W
On-board graphics card model *	Intel Arc Graphics 140V	USB Type-C required charging power (max) *	100 W
Audio		USB Power Delivery (USB PD)	✓
Audio chip	Cirrus CS42L43 / Cirrus CS35L56	USB charging voltage	20,5,9,15 V
Number of built-in speakers	4		
Speaker power	2 W		
Built-in microphone	✓		
Camera		Security	
Front camera	✓	Cable lock slot	✓
Front camera resolution (numeric)	8 MP	Cable lock slot type	Wedge
Front camera resolution	2560 x 1440 pixels	Fingerprint reader	✓
		Face recognition	✓
		Trusted Platform Module (TPM)	✓
		Trusted Platform Module (TPM) version	2.0
		Operational conditions	
		Operating temperature (T-T)	0 - 35 °C
		Storage temperature (T-T)	-40 - 65 °C
		Operating relative humidity (H-H)	10 - 90%
		Storage relative humidity (H-H)	0 - 95%
		Operating altitude	-15.2 - 3048 m
		Non-operating altitude	-15.2 - 10668 m
		Operating shock	110 G
		Non-operating shock	160 G
		Operating vibration	0.66 G
		Non-operating vibration	1.3 G
		Sustainability	
		Sustainability certificates	TCO, ENERGY STAR, EPEAT Climate +, EPEAT Gold
		Weight & dimensions	
		Width	311.2 mm
		Depth	216.7 mm
		Height (front)	1.64 cm

Camera		Weight & dimensions	
Video capturing speed	30 fps	Height (rear)	1.7 cm
Infrared (IR) camera	✓	Weight *	1.14 kg
Privacy camera	✓	Carbon footprint	
Privacy type	Privacy shutter	Total carbon footprint (kg of CO2e)	104
Network		Carbon emissions, manufacturing (kg of CO2e)	75.09
Top Wi-Fi standard *	Wi-Fi 7 (802.11be)	Carbon emissions, logistics (kg of CO2e)	3.95
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)	Carbon emissions, energy usage (kg of CO2e)	23.4
		Carbon emissions, end-of-life (kg of CO2e)	1.56
		PAIA version	GaBi version 1, 2024
		Packaging content	
		AC adapter included *	✓



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