



DELL Pro 14 Essential PV14255 Copilot+ PC AMD Ryzen™ AI 5 330 Laptop 35.6 cm (14") Full HD+ 16 GB DDR5-SDRAM 512 GB SSD Wi-Fi 6E (802.11ax) Windows 11 Pro Silver Czech, Slovakian

Brand : DELL

Product family: Pro

Product code: PXJMX

Product name : PV14255

DELL Pro 14 Essential PV14255. Product type: Laptop, Form factor: Clamshell. Processor family: AMD Ryzen™ AI 5, Processor model: 330, Processor frequency: 2 GHz. 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: AMD Radeon 820M. Operating system installed: Windows 11 Pro. Product colour: Silver



Design		Network	
Colour name	Platinum Silver	WLAN controller model	Realtek RTL8852CE
Product type *	Laptop	WLAN controller manufacturer	Realtek
Product colour *	Silver	Bluetooth	✓
Form factor *	Clamshell	MIMO	✓
Housing material	Aluminium	MIMO type	Multi User MIMO
Display		Ports & interfaces	
Display diagonal *	35.6 cm (14")	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Display resolution *	1920 x 1200 pixels	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Touchscreen *	✗	HDMI ports quantity *	1
HD type	Full HD+	HDMI version	1.4
Panel type	IPS WVA	Combo headphone/mic port	✓
Display technology marketing name	ComfortView	Power adapter barrel connector	4.5 mm
Native aspect ratio	16:10	USB Type-C DisplayPort Alternate Mode	✓
Anti-glare screen	✓	Keyboard	
Display brightness	300 cd/m²	Pointing device	Touchpad
Pixel density	162 ppi	Numeric keypad *	✗
RGB colour space	NTSC	Keyboard backlit	✓
Colour gamut	45%	Keyboard language	Czech, Slovakian
Display response rise/fall	35 ms	Copilot key	✓
Maximum refresh rate	60 Hz	Software	
Contrast ratio (typical)	800:1	Operating system architecture	64-bit
Processor		Trial software	Activate Your Microsoft 365 For A 30 Day Trial
Processor manufacturer *	AMD	Operating system installed *	Windows 11 Pro
Processor family *	AMD Ryzen™ AI 5	Bundled software	McAfee Business Protection 1-year System Driver for Windows
Processor generation	AMD Ryzen AI 300 Series	Battery	
Processor model *	330	Battery technology	Lithium Polymer (LiPo)
Processor cores	4	Number of battery cells	4
Processor threads	8		
Processor boost frequency	4.5 GHz		
Processor frequency *	2 GHz		
L3 cache	8 MB		
L2 cache	4 MB		

Processor		Battery	
Processor base power	28 W	Battery capacity *	54 Wh
Neural processor unit (NPU)		Battery voltage	15 V
Copilot+ PC	✓	Battery recharge time	3 h
Neural processor unit (NPU)	AMD Ryzen AI	Fast charging	✓
Total processor performance up to	56 TOPs	Battery charge indicator	✓
NPU performance up to	50 TOPs	Battery weight	240 g
Memory		Power	
Internal memory *	16 GB	AC adapter power	65 W
Internal memory type	DDR5-SDRAM	AC adapter frequency	50 - 60 Hz
Memory form factor	SO-DIMM	AC adapter input voltage	100 - 240 V
Memory layout (slots x size)	1 x 16 GB	AC adapter output current	3.34 A
Memory slots	2x SO-DIMM	AC adapter output voltage	19.5 V
Maximum internal memory *	32 GB	DC-in jack	✓
Memory data transfer rate	5600 MT/s	USB Type-C charging port *	✓
Storage		USB Type-C required charging power (min) *	45 W
Total storage capacity *	512 GB	USB Type-C required charging power (max) *	60 W
Storage media *	SSD	USB Power Delivery (USB PD)	✓
Total SSDs capacity	512 GB	Security	
Number of SSDs installed	1	Cable lock slot	✓
SSD capacity	512 GB	Cable lock slot type	Wedge
SSD interface	PCI Express 4.0	Fingerprint reader	✓
NVMe	✓	Trusted Platform Module (TPM)	✓
SSD form factor	M.2	Operational conditions	
M.2 SSD size	2230 (22 x 30 mm)	Operating temperature (T-T)	0 - 40 °C
Optical drive type *	✗	Storage temperature (T-T)	-40 - 65 °C
Card reader integrated	✓	Operating relative humidity (H-H)	0 - 90%
Compatible memory cards	SD, SDHC, SDXC	Storage relative humidity (H-H)	0 - 95%
Graphics		Non-operating shock	140 G
Discrete graphics card model *	Not available	Operating vibration	0.66 G
On-board graphics card *	✓	Weight & dimensions	
On-board GPU manufacturer	AMD	Width	314 mm
Discrete graphics card *	✗	Depth	226.2 mm
On-board graphics card family	AMD Radeon	Height	18.9 mm
On-board graphics card model *	AMD Radeon 820M	Height (front)	1.59 cm
Audio		Height (rear)	1.73 cm
Audio chip	Realtek ALC3204	Carbon footprint	
Audio system	High Definition Audio	Total carbon footprint (kg of CO2e)	96.8
Number of built-in speakers	2	Carbon emissions, manufacturing (kg of CO2e)	73.66
Speaker power	2.5 W	Carbon emissions, logistics (kg of CO2e)	2.9
Built-in microphone	✓	Carbon emissions, energy usage (kg of CO2e)	18.97
Camera		Carbon emissions, end-of-life (kg of CO2e)	1.26
Front camera	✓	PAIA version	GaBi version 1, 2025
Front camera resolution (numeric)	2.07 MP	Packaging content	
Front camera resolution	1920 x 1080 pixels	AC adapter included *	✓
Front camera HD type	Full HD	Cables included	AC
Video capturing speed	30 fps		
Network			
Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)		
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6E (802.11ax)		
Mobile network connection *	✗		
Antenna type	2x2		



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