



DELL Pro 14 Essential PV14255 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 German Black

Brand : DELL

Product family: Pro

Product code: DWCK5

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: Black



Design		Network	
Product type *	Laptop	Wi-Fi standards	802.11a, Wi-Fi 5 (802.11ac), 802.11b, Wi-Fi 6 (802.11ax), 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 6E (802.11ax)
Product colour *	Black	Mobile network connection *	✗
Form factor *	Clamshell	Antenna type	2x2
Housing material	Plastic	WLAN controller model	Realtek RTL8852CE
Certified refurbished	✗	WLAN controller manufacturer	Realtek
Display		Bluetooth	✓
Display diagonal *	35.6 cm (14")	MIMO	✓
Display resolution *	1920 x 1200 pixels	MIMO type	Multi User MIMO
Touchscreen *	✗	Ports & interfaces	
HD type	Full HD+	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Panel type	IPS WVA	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Display technology marketing name	ComfortView	HDMI ports quantity *	1
Native aspect ratio	16:10	HDMI version	1.4
Anti-glare screen	✓	Combo headphone/mic port	✓
Display brightness	300 cd/m²	Power adapter barrel connector	4.5 mm
Pixel density	162 ppi	USB Type-C DisplayPort Alternate Mode	✓
RGB colour space	NTSC	Keyboard	
Colour gamut	45%	Pointing device	Touchpad
Display response rise/fall	35 ms	Numeric keypad *	✗
Maximum refresh rate	60 Hz	Keyboard backlit	✓
Contrast ratio (typical)	800:1	Keyboard language	German
Processor		Copilot key	✓
Processor manufacturer *	AMD	Software	
Processor family *	AMD Ryzen™ AI 5	Operating system architecture	64-bit
Processor generation	AMD Ryzen AI 300 Series	Trial software	Activate Your Microsoft 365 For A 30 Day Trial
Processor model *	330	Operating system installed *	Windows 11 Pro
Processor cores	4		
Processor threads	16		
Processor boost frequency	4.5 GHz		
Processor frequency *	2 GHz		
L3 cache	8 MB		
L2 cache	4 MB		

Processor		Software	
Processor base power	15 W	Bundled software	McAfee Business Protection 1-year System Driver for Windows
Maximum turbo power	28 W		
Neural processor unit (NPU)		Battery	
Neural processor unit (NPU)	AMD Ryzen AI	Battery technology	Lithium Polymer (LiPo)
Total processor performance up to	56 TOPs	Number of battery cells	4
NPU performance up to	50 TOPs	Battery capacity *	54 Wh
Memory		Battery voltage	15 V
Internal memory *	16 GB	Battery recharge time	3 h
Internal memory type	DDR5-SDRAM	Fast charging	✓
Memory form factor	SO-DIMM	Battery charge indicator	✓
Memory layout (slots x size)	1 x 16 GB	Battery weight	240 g
Memory slots	2x SO-DIMM		
Maximum internal memory *	32 GB	Power	
Memory data transfer rate	5600 MT/s	DC-in jack	✓
Storage		USB Type-C charging port *	✓
Total storage capacity *	512 GB	USB Type-C required charging power (min) *	45 W
Storage media *	SSD	USB Type-C required charging power (max) *	60 W
Total SSDs capacity	512 GB	USB Power Delivery (USB PD)	✓
Number of SSDs installed	1		
SSD capacity	512 GB	Security	
SSD interface	PCI Express 4.0	Cable lock slot	✓
NVMe	✓	Cable lock slot type	Wedge
SSD form factor	M.2	Fingerprint reader	✓
M.2 SSD size	2230 (22 x 30 mm)	Trusted Platform Module (TPM)	✓
Optical drive type *	✗		
Card reader integrated	✓	Operational conditions	
Compatible memory cards	SD, SDHC, SDXC	Operating temperature (T-T)	0 - 40 °C
Graphics		Storage temperature (T-T)	-40 - 65 °C
Discrete graphics card model *	Not available	Operating relative humidity (H-H)	0 - 90%
On-board graphics card *	✓	Storage relative humidity (H-H)	0 - 95%
On-board GPU manufacturer	AMD	Non-operating shock	140 G
Discrete graphics card *	✗	Operating vibration	0.66 G
On-board graphics card family	AMD Radeon		
On-board graphics card model *	AMD Radeon 820M	Weight & dimensions	
Audio		Width	314 mm
Audio chip	Realtek ALC3204	Depth	226.2 mm
Audio system	High Definition Audio	Height	19.9 mm
Number of built-in speakers	2	Height (front)	1.69 cm
Speaker power	2.5 W	Height (rear)	1.81 cm
Built-in microphone	✓		
Camera		Carbon footprint	
Front camera	✓	Total carbon footprint (kg of CO2e)	96.8
Front camera resolution (numeric)	0.92 MP	Carbon emissions, manufacturing (kg of CO2e)	73.6648
Front camera resolution	1280 x 720 pixels	Carbon emissions, logistics (kg of CO2e)	2.904
Front camera HD type	HD	Carbon emissions, energy usage (kg of CO2e)	18.9728
Video capturing speed	30 fps	Carbon emissions, end-of-life (kg of CO2e)	1.2584
Network		PAIA version	GaBi version 1, 2025
Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)	Packaging content	
		AC adapter included *	✗



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