



DELL Pro 14 Essential PV14255 AMD Ryzen™ 5 220 Laptop 35.6 cm (14") Full HD+ 16 GB DDR5-SDRAM 512 GB SSD Wi-Fi 6 (802.11ax) Windows 11 Pro Black Czech, Slovakian

Brand : DELL

Product family: Pro

Product code: DP7WX

Product name : PV14255

DELL Pro 14 Essential PV14255. Product type: Laptop, Form factor: Clamshell. Processor family: AMD Ryzen™ 5, Processor model: 220, Processor frequency: 3.2 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 740M. Operating system installed: Windows 11 Pro. Product colour: Black



Design		Network	
Product type *	Laptop	Bluetooth	✓
Product colour *	Black	MIMO	✓
Form factor *	Clamshell	MIMO type	Multi User MIMO
Housing material	Plastic		
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	✓		
Display brightness	300 cd/m²	Keyboard	
Pixel density	162 ppi	Pointing device	Touchpad
RGB colour space	NTSC	Numeric keypad *	✗
Colour gamut	45%	Keyboard backlit	✓
Display response rise/fall	35 ms	Keyboard language	Czech, Slovakian
Maximum refresh rate	60 Hz	Copilot key	✓
Contrast ratio (typical)	800:1		
Processor		Software	
Processor manufacturer *	AMD	Operating system architecture	64-bit
Processor family *	AMD Ryzen™ 5	Trial software	Activate Your Microsoft 365 For A 30 Day Trial
Processor generation	AMD Ryzen 200 Series	Operating system installed *	Windows 11 Pro
Processor model *	220	Bundled software	McAfee Business Protection 1-year System Driver for Windows
Processor cores	6		
Processor threads	12	Battery	
Processor boost frequency	4.9 GHz	Battery technology	Lithium Polymer (LiPo)
Processor frequency *	3.2 GHz	Number of battery cells	3
L3 cache	16 MB	Battery capacity *	41 Wh
L2 cache	6 MB	Battery voltage	11.25 V
Processor base power	15 W		

Processor		Battery	
Maximum turbo power	30 W	Battery recharge time	3 h
Neural processor unit (NPU)		Fast charging	✓
Neural processor unit (NPU)	✗	Battery charge indicator	✓
Memory		Battery weight	170 g
Internal memory *	16 GB	Power	
Internal memory type	DDR5-SDRAM	AC adapter power	65 W
Memory form factor	SO-DIMM	AC adapter frequency	50 - 60 Hz
Memory layout (slots x size)	1 x 16 GB	AC adapter input voltage	100 - 240 V
Memory slots	2x SO-DIMM	AC adapter output current	3.34 A
Maximum internal memory *	32 GB	AC adapter output voltage	19.5 V
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	Security	
SSD capacity	512 GB	Cable lock slot	✓
SSD interface	PCI Express 4.0	Cable lock slot type	Wedge
NVMe	✓	Fingerprint reader	✓
SSD form factor	M.2	Trusted Platform Module (TPM)	✓
M.2 SSD size	2230 (22 x 30 mm)	Operational conditions	
Optical drive type *	✗	Operating temperature (T-T)	0 - 40 °C
Card reader integrated	✓	Storage temperature (T-T)	-40 - 65 °C
Compatible memory cards	SD, SDHC, SDXC	Operating relative humidity (H-H)	0 - 90%
Graphics		Storage relative humidity (H-H)	0 - 95%
Discrete graphics card model *	Not available	Non-operating shock	140 G
On-board graphics card *	✓	Operating vibration	0.66 G
On-board GPU manufacturer	AMD	Weight & dimensions	
Discrete graphics card *	✗	Width	314 mm
On-board graphics card family	AMD Radeon	Depth	226.2 mm
On-board graphics card model *	AMD Radeon 740M	Height	19.9 mm
Audio		Height (front)	1.69 cm
Audio chip	Realtek ALC3204	Height (rear)	1.81 cm
Audio system	High Definition Audio	Carbon footprint	
Number of built-in speakers	2	Total carbon footprint (kg of CO2e)	96.8
Speaker power	2.5 W	Carbon emissions, manufacturing (kg of CO2e)	73.66
Built-in microphone	✓	Carbon emissions, logistics (kg of CO2e)	2.9
Camera		Carbon emissions, energy usage (kg of CO2e)	18.97
Front camera	✓	Carbon emissions, end-of-life (kg of CO2e)	1.26
Front camera resolution (numeric)	0.92 MP	PAIA version	GaBi version 1, 2025
Front camera resolution	1280 x 720 pixels	Packaging content	
Front camera HD type	HD	AC adapter included *	✓
Video capturing speed	30 fps	Cables included	AC
Network			
Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)		
Wi-Fi standards	802.11a, Wi-Fi 5 (802.11ac), 802.11b, Wi-Fi 6 (802.11ax), 802.11g, Wi-Fi 4 (802.11n)		
Mobile network connection *	✗		
Antenna type	2x2		
WLAN controller model	Realtek RTL8852BE		
WLAN controller manufacturer	Realtek		



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