DELL Pro 14 Essential PV14255 AMD Ryzen™ 5 220 Laptop 35.6 cm (14") Full HD+ 8 GB DDR5-SDRAM 512 GB SSD Wi-Fi 6 (802.11ax) Windows 11 Pro Black French

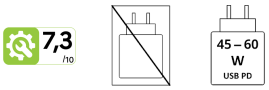


Brand : DELL **Product family:** Pro **Product code:** W2NR4

Product name : PV14255

DELL Pro 14 Essential PV14255. Product type: Laptop, Form factor: Clamshell. Processor family: AMD Ryzen™ 5, Processor model: 220, Processor frequency: 3.5 GHz. Display diagonal: 35.6 cm (14"), HD type: Full HD+, Display resolution: 1920 x 1200 pixels. Internal memory: 8 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	
Product type *	Laptop
Product colour *	Black
Form factor *	Clamshell
Housing material	Plastic

Display	
Display diagonal *	35.6 cm (14")
Display resolution *	1920 x 1200 pixels
Touchscreen *	✗
HD type	Full HD+
Panel type	IPS WVA
Display technology marketing name	ComfortView
Native aspect ratio	16:10
Anti-glare screen	✓
Display brightness	300 cd/m²
Pixel density	162 ppi
RGB colour space	NTSC
Colour gamut	45%
Display response rise/fall	35 ms
Maximum refresh rate	60 Hz
Contrast ratio (typical)	800:1

Processor	
Processor manufacturer *	AMD
Processor family *	AMD Ryzen™ 5
Processor generation	AMD Ryzen 200 Series
Processor model *	220
Processor cores	6
Processor threads	12
Processor boost frequency	4.9 GHz
Processor frequency *	3.5 GHz
L3 cache	16 MB
L2 cache	6 MB

Ports & interfaces	
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
HDMI ports quantity *	1
HDMI version	1.4
Combo headphone/mic port	✓
Power adapter barrel connector	4.5 mm
USB Type-C DisplayPort Alternate Mode	✓

Performance	
Repairability index	7.3

Keyboard	
Pointing device	Touchpad
Numeric keypad *	✗
Keyboard backlit	✓
Keyboard language	French
Keyboard colour name	Carbon Black
Copilot key	✓

Software	
Operating system architecture	64-bit
Trial software	McAfee Business Protection 1-year,Activate Your Microsoft 365 For A 30 Day Trial
Operating system installed *	Windows 11 Pro
Bundled software	System Driver for Windows

Battery	
Battery technology	Lithium Polymer (LiPo)
Number of battery cells	3
Battery capacity *	41 Wh
Battery voltage	11.25 V
Battery recharge time	3 h

Memory	
Internal memory *	8 GB
Internal memory type	DDR5-SDRAM
Memory form factor	SO-DIMM
Memory layout (slots x size)	1 x 8 GB
Memory slots	2x SO-DIMM
Maximum internal memory *	32 GB
Memory data transfer rate	5600 MT/s

Storage	
Total storage capacity *	512 GB
Storage media *	SSD
Total SSDs capacity	512 GB
Number of SSDs installed	1
SSD capacity	512 GB
SSD interface	PCI Express 4.0
NVMe	✔
SSD form factor	M.2
M.2 SSD size	2230 (22 x 30 mm)
Optical drive type *	✘
Card reader integrated	✔
Compatible memory cards	SD, SDHC, SDXC

Graphics	
Discrete graphics card model *	Not available
On-board graphics card *	✔
Discrete graphics card *	✘
On-board graphics card model *	AMD Radeon 740M

Audio	
Audio chip	Realtek ALC3204
Audio system	High Definition Audio
Number of built-in speakers	2
Speaker power	2.5 W
Built-in microphone	✔

Camera	
Front camera	✔
Front camera resolution (numeric)	0.92 MP
Front camera resolution	1280 x 720 pixels
Front camera HD type	HD
Video capturing speed	30 fps

Network	
Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax)
Mobile network connection *	✘
Antenna type	2x2
WLAN controller model	Realtek RTL8852BE
WLAN controller manufacturer	Realtek
Bluetooth	✔
MIMO	✔
MIMO type	Multi User MIMO

Battery	
Fast charging	✔
Battery charge indicator	✔
Battery weight	170 g

Power	
AC adapter frequency	50 - 60 Hz
AC adapter input voltage	100 - 240 V
AC adapter output current	3.34 A
AC adapter output voltage	19.5 V
DC-in jack	✔
USB Type-C charging port *	✔
USB Type-C required charging power (min) *	45 W
USB Type-C required charging power (max) *	60 W
USB Power Delivery (USB PD)	✔

Security	
Cable lock slot	✔
Cable lock slot type	Wedge
Fingerprint reader	✔

Operational conditions	
Operating temperature (T-T)	0 - 40 °C
Storage temperature (T-T)	-40 - 65 °C
Operating relative humidity (H-H)	0 - 90%
Storage relative humidity (H-H)	0 - 95%
Non-operating shock	140 G
Operating vibration	0.66 G

Weight & dimensions	
Width	314 mm
Depth	226.2 mm
Height	19.9 mm
Height (front)	1.69 cm
Height (rear)	1.81 cm

Carbon footprint	
Total carbon footprint (kg of CO2e)	96.8
Carbon emissions, manufacturing (kg of CO2e)	73.66
Carbon emissions, logistics (kg of CO2e)	2.9
Carbon emissions, energy usage (kg of CO2e)	18.97
Carbon emissions, end-of-life (kg of CO2e)	1.26
PAIA version	GaBi version 1, 2025

Packaging content	
AC adapter included *	✘

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