



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 German Black

Brand : DELL

Product family: Pro

Product code: F2VK8

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	Antenna type	2x2
Product colour *	Black	WLAN controller model	Realtek RTL8852BE
Form factor *	Clamshell	WLAN controller manufacturer	Realtek
Housing material	Plastic	Bluetooth	✓
Certified refurbished	✗	MIMO	✓
Display		MIMO type	Multi User MIMO
Display diagonal *	35.6 cm (14")	Ports & interfaces	
Display resolution *	1920 x 1200 pixels	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Touchscreen *	✗	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
HD type	Full HD+	HDMI ports quantity *	1
Panel type	IPS WVA	HDMI version	1.4
Display technology marketing name	ComfortView	Combo headphone/mic port	✓
Native aspect ratio	16:10	Power adapter barrel connector	4.5 mm
Anti-glare screen	✓	USB Type-C DisplayPort Alternate Mode	✓
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	German
Maximum refresh rate	60 Hz	Copilot key	✓
Contrast ratio (typical)	800:1	Software	
Processor		Operating system architecture	64-bit
Processor manufacturer *	AMD	Trial software	Activate Your Microsoft 365 For A 30 Day Trial
Processor family *	AMD Ryzen™ 5	Operating system installed *	Windows 11 Pro
Processor generation	AMD Ryzen 200 Series	Bundled software	McAfee Business Protection 1-year System Driver for Windows
Processor model *	220	Battery	
Processor cores	6	Battery technology	Lithium Polymer (LiPo)
Processor threads	16		
Processor boost frequency	4.9 GHz		
Processor frequency *	3.2 GHz		
Processor cache type	L2 & L3		
L3 cache	16 MB		

Processor		Battery	
L2 cache	6 MB	Number of battery cells	3
Processor base power	15 W	Battery capacity *	41 Wh
Maximum turbo power	30 W	Battery voltage	11.25 V
Memory		Battery recharge time	3 h
Internal memory *	16 GB	Fast charging	✓
Internal memory type	DDR5-SDRAM	Battery charge indicator	✓
Memory form factor	SO-DIMM	Battery weight	170 g
Memory layout (slots x size)	1 x 16 GB	Power	
Memory slots	2x SO-DIMM	DC-in jack	✓
Maximum internal memory *	32 GB	USB Type-C charging port *	✓
Memory data transfer rate	5600 MT/s	USB Type-C required charging power (min) *	45 W
Storage		USB Type-C required charging power (max) *	60 W
Total storage capacity *	512 GB	USB Power Delivery (USB PD)	✓
Storage media *	SSD	Security	
Total SSDs capacity	512 GB	Cable lock slot	✓
Number of SSDs installed	1	Cable lock slot type	Wedge
SSD capacity	512 GB	Fingerprint reader	✓
SSD interface	PCI Express 4.0	Trusted Platform Module (TPM)	✓
NVMe	✓	Operational conditions	
SSD form factor	M.2	Operating temperature (T-T)	0 - 40 °C
M.2 SSD size	2230 (22 x 30 mm)	Storage temperature (T-T)	-40 - 65 °C
Optical drive type *	✗	Operating relative humidity (H-H)	0 - 90%
Card reader integrated	✓	Storage relative humidity (H-H)	0 - 95%
Compatible memory cards	SD, SDHC, SDXC	Non-operating shock	140 G
Graphics		Operating vibration	0.66 G
Discrete graphics card model *	Not available	Weight & dimensions	
On-board graphics card *	✓	Width	314 mm
On-board GPU manufacturer	AMD	Depth	226.2 mm
Discrete graphics card *	✗	Height	19.9 mm
On-board graphics card family	AMD Radeon	Height (front)	1.69 cm
On-board graphics card model *	AMD Radeon 740M	Height (rear)	1.81 cm
Audio		Carbon footprint	
Audio chip	Realtek ALC3204	Total carbon footprint (kg of CO2e)	96.8
Audio system	High Definition Audio	Carbon emissions, manufacturing (kg of CO2e)	73.6648
Number of built-in speakers	2	Carbon emissions, logistics (kg of CO2e)	2.904
Speaker power	2.5 W	Carbon emissions, energy usage (kg of CO2e)	18.9728
Built-in microphone	✓	Carbon emissions, end-of-life (kg of CO2e)	1.2584
Camera		PAIA version	GaBi version 1, 2025
Front camera	✓	Packaging content	
Front camera resolution (numeric)	0.92 MP	AC adapter included *	✗
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, Wi-Fi 5 (802.11ac), 802.11b, Wi-Fi 6 (802.11ax), 802.11g, Wi-Fi 4 (802.11n)		
Mobile network connection *	✗		



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