



DELL Pro 15 Essential PV15255 AMD Ryzen™ 3 7320U Laptop 39.6 cm (15.6") Full HD 8 GB LPDDR5-SDRAM 512 GB SSD Wi-Fi 5 (802.11ac) Windows 11 Pro German Black

Brand : DELL

Product family: Pro

Product code: 4PGWX

Product name : PV15255

DELL Pro 15 Essential PV15255. Product type: Laptop, Form factor: Clamshell. Processor family: AMD Ryzen™ 3, Processor model: 7320U, Processor frequency: 2.4 GHz. Display diagonal: 39.6 cm (15.6"), HD type: Full HD, Display resolution: 1920 x 1080 pixels. Internal memory: 8 GB, Internal memory type: LPDDR5-SDRAM. Total storage capacity: 512 GB, Storage media: SSD. On-board graphics card model: AMD Radeon 610M. Operating system installed: Windows 11 Pro. Product colour: Black



Design		Ports & interfaces	
Product type *	Laptop	USB 2.0 ports quantity *	1
Product colour *	Black	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1
Form factor *	Clamshell	USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1
Display		HDMI ports quantity *	1
Display diagonal *	39.6 cm (15.6")	HDMI version	1.4
Display resolution *	1920 x 1080 pixels	Combo headphone/mic port	✓
Touchscreen *	✗	Power adapter barrel connector	4.5 mm
HD type	Full HD	Keyboard	
Panel type	IPS	Pointing device	Touchpad
Native aspect ratio	16:9	Numeric keypad *	✓
Anti-glare screen	✓	Keyboard layout	QWERTZ
Display brightness	250 cd/m²	Keyboard language	German
Pixel density	141 ppi	Software	
RGB colour space	NTSC	Operating system architecture	64-bit
Colour gamut	45%	Trial software	McAfee Business Protection 1-year, Activate Your Microsoft 365 For A 30 Day Trial
Display response rise/fall	35 ms	Operating system installed *	Windows 11 Pro
Maximum refresh rate	120 Hz	Bundled software	Windows System Driver
Contrast ratio (typical)	600:1	Battery	
Processor		Battery technology	Lithium Polymer (LiPo)
Processor manufacturer *	AMD	Number of battery cells	3
Processor family *	AMD Ryzen™ 3	Battery capacity *	41 Wh
Processor model *	7320U	Battery voltage	11.25 V
Processor cores	4	Battery recharge time	3 h
Processor boost frequency	4.1 GHz	Fast charging	✓
Processor frequency *	2.4 GHz	Battery charge indicator	✓
L3 cache	4 MB	Battery weight	180 g
L2 cache	2 MB	Power	
Memory		AC adapter power	65 W
Internal memory *	8 GB	AC adapter frequency	50 - 60 Hz
Internal memory type	LPDDR5-SDRAM	AC adapter input voltage	100 - 240 V
Memory form factor	On-board	AC adapter output current	3.34 A
Maximum internal memory *	8 GB		
Memory data transfer rate	5500 MT/s		
Storage			
Total storage capacity *	512 GB		

Storage		Power	
Storage media *	SSD	AC adapter output voltage	19.5 V
Total SSDs capacity	512 GB	DC-in jack	✓
Number of SSDs installed	1	USB Type-C charging port *	✗
SSD capacity	512 GB	Security	
SSD interface	PCI Express	Fingerprint reader	✓
NVMe	✓	Trusted Platform Module (TPM)	✓
SSD form factor	M.2	Trusted Platform Module (TPM) version	2.0
M.2 SSD size	2230 (22 x 30 mm)	Operational conditions	
Optical drive type *	✗	Operating temperature (T-T)	0 - 35 °C
Card reader integrated	✓	Storage temperature (T-T)	-40 - 65 °C
Compatible memory cards	SD	Operating relative humidity (H-H)	10 - 90%
Graphics		Storage relative humidity (H-H)	0 - 95%
Discrete graphics card model *	Not available	Operating altitude	-15.2 - 3048 m
On-board graphics card *	✓	Non-operating altitude	-15.2 - 10668 m
Discrete graphics card *	✗	Operating shock	110 G
On-board graphics card model *	AMD Radeon 610M	Non-operating shock	160 G
Audio		Operating vibration	0.66 G
Audio chip	Realtek ALC3204	Non-operating vibration	1.3 G
Audio system	High Definition Audio	Weight & dimensions	
Number of built-in speakers	2	Width	358.5 mm
Speaker power	2.5 W	Depth	235.6 mm
Built-in microphone	✓	Height (front)	1.7 cm
Number of microphones	1	Height (rear)	1.9 cm
Camera		Weight *	1.9 kg
Front camera	✓	Carbon footprint	
Front camera resolution (numeric)	0.92 MP	Total carbon footprint (kg of CO2e)	167
Front camera resolution	1280 x 720 pixels	Carbon emissions, manufacturing (kg of CO2e)	141.616
Front camera HD type	HD	Carbon emissions, logistics (kg of CO2e)	3.507
Video capturing speed	30 fps	Carbon emissions, energy usage (kg of CO2e)	20.374
Network		Carbon emissions, end-of-life (kg of CO2e)	1.503
Top Wi-Fi standard *	Wi-Fi 5 (802.11ac)	PAIA version	GaBi version 1, 2025
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac)	Packaging content	
Mobile network connection *	✗	AC adapter included *	✓
Wi-Fi band	Dual-band (2.4 GHz / 5 GHz)		
Antenna type	1x1		
WLAN controller model	Realtek RTL8821CE		
WLAN controller manufacturer	Realtek		
Bluetooth	✓		
MIMO	✓		
MIMO type	Multi User MIMO		



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