



DELL Pro 15 Essential PV15255 AMD Ryzen™ 5 7520U Laptop 39.6 cm (15.6") Full HD 8 GB LPDDR5-SDRAM 512 GB SSD Wi-Fi 5 (802.11ac) Windows 11 Pro Black QWERTZ Czech, Slovakian

Brand : DELL

Product family: Pro

Product code: N2CD9

Product name : PV15255

DELL Pro 15 Essential PV15255. Product type: Laptop, Form factor: Clamshell. Processor family: AMD Ryzen™ 5, Processor model: 7520U, Processor frequency: 2.8 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 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1
Product colour *	Black	USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1
Form factor *	Clamshell	HDMI ports quantity *	1
Display		HDMI version	1.4
Display diagonal *	39.6 cm (15.6")	Combo headphone/mic port	✓
Display resolution *	1920 x 1080 pixels	Power adapter barrel connector	4.5 mm
Touchscreen *	✗	Keyboard	
HD type	Full HD	Pointing device	Touchpad
Panel type	IPS	Numeric keypad *	✓
Native aspect ratio	16:9	Keyboard backlit	✓
Anti-glare screen	✓	Keyboard layout	QWERTZ
Display brightness	250 cd/m²	Keyboard language	Czech, Slovakian
Pixel density	141 ppi	Keyboard colour name	Carbon Black
RGB colour space	NTSC	Software	
Colour gamut	45%	Operating system architecture	64-bit
Display response rise/fall	35 ms	Trial software	McAfee Business Protection 1-year, Activate Your Microsoft 365 For A 30 Day Trial
Maximum refresh rate	120 Hz	Operating system installed *	Windows 11 Pro
Contrast ratio (typical)	600:1	Battery	
Processor		Battery technology	Lithium Polymer (LiPo)
Processor manufacturer *	AMD	Number of battery cells	3
Processor family *	AMD Ryzen™ 5	Battery capacity *	41 Wh
Processor model *	7520U	Battery voltage	11.25 V
Processor cores	4	Battery recharge time	3 h
Processor boost frequency	4.3 GHz	Fast charging	✓
Processor frequency *	2.8 GHz	Battery charge indicator	✓
L3 cache	4 MB	Battery weight	180 g
Memory		Power	
Internal memory *	8 GB	AC adapter power	65 W
Internal memory type	LPDDR5-SDRAM	AC adapter frequency	50 - 60 Hz
Memory form factor	On-board	AC adapter input voltage	100 - 240 V
Maximum internal memory *	8 GB	AC adapter output current	3.34 A
Memory data transfer rate	5500 MT/s		
Storage			
Total storage capacity *	512 GB		
Storage media *	SSD		

Storage		Power	
Total SSDs capacity	512 GB	AC adapter output voltage	19.5 V
Number of SSDs installed	1	DC-in jack	✓
SSD capacity	512 GB	USB Type-C charging port *	✗
SSD interface	PCI Express	Security	
NVMe	✓	Fingerprint reader	✓
SSD form factor	M.2	Trusted Platform Module (TPM)	✓
M.2 SSD size	2230 (22 x 30 mm)	Trusted Platform Module (TPM) version	2.0
Optical drive type *	✗	Operational conditions	
Graphics		Operating temperature (T-T)	0 - 35 °C
Discrete graphics card model *	Not available	Storage temperature (T-T)	-40 - 65 °C
On-board graphics card *	✓	Operating relative humidity (H-H)	10 - 90%
Discrete graphics card *	✗	Storage relative humidity (H-H)	0 - 95%
On-board graphics card model *	AMD Radeon 610M	Operating altitude	-15.2 - 3048 m
Audio		Non-operating altitude	-15.2 - 10668 m
Audio chip	Realtek ALC3204	Operating shock	110 G
Audio system	High Definition Audio	Non-operating shock	160 G
Number of built-in speakers	2	Operating vibration	0.66 G
Speaker power	2.5 W	Non-operating vibration	1.3 G
Built-in microphone	✓	Weight & dimensions	
Number of microphones	1	Width	358.5 mm
Camera		Depth	235.6 mm
Front camera	✓	Height (front)	1.7 cm
Front camera resolution (numeric)	0.92 MP	Height (rear)	1.9 cm
Front camera resolution	1280 x 720 pixels	Weight *	1.9 kg
Front camera HD type	HD	Carbon footprint	
Video capturing speed	30 fps	Total carbon footprint (kg of CO2e)	167
Network		Carbon emissions, manufacturing (kg of CO2e)	141.62
Top Wi-Fi standard *	Wi-Fi 5 (802.11ac)	Carbon emissions, logistics (kg of CO2e)	3.51
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac)	Carbon emissions, energy usage (kg of CO2e)	20.37
Mobile network connection *	✗	Carbon emissions, end-of-life (kg of CO2e)	1.5
Wi-Fi band	Dual-band (2.4 GHz / 5 GHz)	PAIA version	GaBi version 1, 2025
Antenna type	1x1	Packaging content	
WLAN controller model	Realtek RTL8821CE	AC adapter included *	✓
WLAN controller manufacturer	Realtek		
Bluetooth	✓		
MIMO	✓		
MIMO type	Multi User MIMO		
Ports & interfaces			
USB 2.0 ports quantity *	1		



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