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	
Product type *	Laptop
Product colour *	Black
Form factor *	Clamshell

Display	
Display diagonal *	39.6 cm (15.6")
Display resolution *	1920 x 1080 pixels
Touchscreen *	✗
HD type	Full HD
Panel type	IPS
Native aspect ratio	16:9
Anti-glare screen	✓
Display brightness	250 cd/m²
Pixel density	141 ppi
RGB colour space	NTSC
Colour gamut	45%
Display response rise/fall	35 ms
Maximum refresh rate	120 Hz
Contrast ratio (typical)	600:1

Processor	
Processor manufacturer *	AMD
Processor family *	AMD Ryzen™ 5
Processor model *	7520U
Processor cores	4
Processor boost frequency	4.3 GHz
Processor frequency *	2.8 GHz
L3 cache	4 MB

Memory	
Internal memory *	8 GB
Internal memory type	LPDDR5-SDRAM
Memory form factor	On-board
Maximum internal memory *	8 GB
Memory data transfer rate	5500 MT/s

Storage	
Total storage capacity *	512 GB
Storage media *	SSD

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

Keyboard	
Pointing device	Touchpad
Numeric keypad *	✓
Keyboard backlit	✓
Keyboard layout	QWERTZ
Keyboard language	Czech, Slovakian
Keyboard colour name	Carbon Black

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

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
Fast charging	✓
Battery charge indicator	✓
Battery weight	180 g

Power	
AC adapter power	65 W
AC adapter frequency	50 - 60 Hz
AC adapter input voltage	100 - 240 V
AC adapter output current	3.34 A

Storage	
Total SSDs capacity	512 GB
Number of SSDs installed	1
SSD capacity	512 GB
SSD interface	PCI Express
NVMe	✔
SSD form factor	M.2
M.2 SSD size	2230 (22 x 30 mm)
Optical drive type *	✘

Graphics	
Discrete graphics card model *	Not available
On-board graphics card *	✔
Discrete graphics card *	✘
On-board graphics card model *	AMD Radeon 610M

Audio	
Audio chip	Realtek ALC3204
Audio system	High Definition Audio
Number of built-in speakers	2
Speaker power	2.5 W
Built-in microphone	✔
Number of microphones	1

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 5 (802.11ac)
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac)
Mobile network connection *	✘
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

Ports & interfaces	
USB 2.0 ports quantity *	1

Power	
AC adapter output voltage	19.5 V
DC-in jack	✔
USB Type-C charging port *	✘

Security	
Fingerprint reader	✔
Trusted Platform Module (TPM)	✔
Trusted Platform Module (TPM) version	2.0

Operational conditions	
Operating temperature (T-T)	0 - 35 °C
Storage temperature (T-T)	-40 - 65 °C
Operating relative humidity (H-H)	10 - 90%
Storage relative humidity (H-H)	0 - 95%
Operating altitude	-15.2 - 3048 m
Non-operating altitude	-15.2 - 10668 m
Operating shock	110 G
Non-operating shock	160 G
Operating vibration	0.66 G
Non-operating vibration	1.3 G

Weight & dimensions	
Width	358.5 mm
Depth	235.6 mm
Height (front)	1.7 cm
Height (rear)	1.9 cm
Weight *	1.9 kg

Carbon footprint	
Total carbon footprint (kg of CO2e)	167
Carbon emissions, manufacturing (kg of CO2e)	141.62
Carbon emissions, logistics (kg of CO2e)	3.51
Carbon emissions, energy usage (kg of CO2e)	20.37
Carbon emissions, end-of-life (kg of CO2e)	1.5
PAIA version	GaBi version 1, 2025

Packaging content	
AC adapter included *	✔

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