



DELL Pro 15 Essential PV15250 Intel Core 3 100U Laptop 39.6 cm (15.6") Full HD 8 GB DDR5-SDRAM 512 GB SSD Wi-Fi 6 (802.11ax) Windows 11 Pro Black QWERTZ Czech, Slovakian

Brand : DELL

Product family: Pro

Product code: 65J77

Product name : PV15250

DELL Pro 15 Essential PV15250. Product type: Laptop, Form factor: Clamshell. Processor family: Intel Core 3, Processor model: 100U. Display diagonal: 39.6 cm (15.6"), HD type: Full HD, Display resolution: 1920 x 1080 pixels. Internal memory: 8 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 512 GB, Storage media: SSD. On-board graphics card model: Intel® Graphics. Operating system installed: Windows 11 Pro. Product colour: Black. Weight: 1.9 kg



Design		Network	
Product type *	Laptop	Wi-Fi band	Dual-band (2.4 GHz / 5 GHz)
Product colour *	Black	Antenna type	2x2
Form factor *	Clamshell	WLAN controller model	Realtek RTL8852BE
Housing material	Plastic	WLAN controller manufacturer	Realtek
Display		Bluetooth	✓
Display diagonal *	39.6 cm (15.6")	MIMO	✓
Display resolution *	1920 x 1080 pixels	MIMO type	Multi User MIMO
Touchscreen *	✗	Ports & interfaces	
HD type	Full HD	USB 2.0 ports quantity *	1
Panel type	IPS	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1
LED backlight	✓	USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1
Native aspect ratio	16:9	HDMI ports quantity *	1
Anti-glare screen	✓	HDMI version	1.4
Display brightness	250 cd/m²	Combo headphone/mic port	✓
Pixel density	141 ppi	Power adapter barrel connector	4.5 mm
RGB colour space	NTSC	Keyboard	
Colour gamut	45%	Pointing device	Touchpad
Display response rise/fall	35 ms	Numeric keypad *	✓
Maximum refresh rate	120 Hz	Keyboard layout	QWERTZ
Contrast ratio (typical)	600:1	Keyboard language	Czech, Slovakian
Processor		Keyboard colour name	Carbon Black
Processor manufacturer *	Intel	Software	
Processor family *	Intel Core 3	Operating system architecture	64-bit
Processor generation	Intel Core (Series 1)	Trial software	McAfee Business Protection 1-year, Activate Your Microsoft 365 For A 30 Day Trial
Processor model *	100U	Operating system installed *	Windows 11 Pro
Processor cores	6	Brand-specific features	
Processor threads	8	Brand specific technologies	Express Charge Boost capable
Processor boost frequency	4.7 GHz	Battery	
Performance cores	2	Battery technology	Lithium Polymer (LiPo)
Efficient cores	4	Number of battery cells	3
Performance-core Max Turbo Frequency	4.7 GHz		
Efficient-core Max Turbo Frequency	3.3 GHz		
Performance-core base frequency	1.2 GHz		
Efficient-core base frequency	0.9 GHz		

Processor		Battery	
Processor cache	10 MB	Battery capacity *	41 Wh
Processor cache type	Smart Cache	Battery voltage	11.25 V
Processor base power	15 W	Battery recharge time	4 h
Maximum turbo power	55 W	Fast charging	✓
Memory		Battery charge indicator	✓
Internal memory *	8 GB	Battery weight	190 g
Internal memory type	DDR5-SDRAM	Power	
Memory form factor	SO-DIMM	AC adapter power	65 W
Memory layout (slots x size)	1 x 8 GB	AC adapter frequency	50 - 60 Hz
Maximum internal memory *	16 GB	AC adapter input voltage	100 - 240 V
Memory data transfer rate	4400 MT/s	AC adapter output current	3.34 A
Storage		AC adapter output voltage	19.5 V
Total storage capacity *	512 GB	DC-in jack	✓
Storage media *	SSD	USB Type-C charging port *	✗
Total SSDs capacity	512 GB	Security	
Number of SSDs installed	1	Fingerprint reader	✓
SSD capacity	512 GB	Trusted Platform Module (TPM)	✓
SSD interface	PCI Express 4.0	Trusted Platform Module (TPM) version	2.0
NVMe	✓	Operational conditions	
SSD form factor	M.2	Operating temperature (T-T)	0 - 35 °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)	10 - 90%
Card reader integrated	✓	Storage relative humidity (H-H)	0 - 95%
Compatible memory cards	SD, SDHC, SDXC	Operating altitude	0 - 3048 m
Graphics		Non-operating altitude	0 - 10668 m
Discrete graphics card model *	Not available	Operating shock	110 G
On-board graphics card *	✓	Non-operating shock	160 G
On-board GPU manufacturer	Intel	Operating vibration	0.66 G
Discrete graphics card *	✗	Non-operating vibration	1.3 G
On-board graphics card family	Intel® Graphics	Weight & dimensions	
On-board graphics card model *	Intel® Graphics	Width	358.5 mm
Audio		Depth	235.6 mm
Audio system	High Definition Audio	Height (front)	1.7 cm
Number of built-in speakers	2	Height (rear)	1.9 cm
Speaker power	2.5 W	Weight *	1.9 kg
Built-in microphone	✓	Carbon footprint	
Camera		Total carbon footprint (kg of CO2e)	160
Front camera	✓	Carbon emissions, manufacturing (kg of CO2e)	135.36
Front camera resolution (numeric)	0.92 MP	Carbon emissions, logistics (kg of CO2e)	3.68
Front camera resolution	1280 x 720 pixels	Carbon emissions, energy usage (kg of CO2e)	19.36
Front camera HD type	HD	Carbon emissions, end-of-life (kg of CO2e)	1.6
Video capturing speed	30 fps	PAIA version	GaBi version 1, 2025
Network		Packaging content	
Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)	AC adapter included *	✓
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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