



DELL Pro 14 Essential PV14250 Intel Core 5 120U Laptop 35.6 cm (14") Full HD+ 16 GB DDR5-SDRAM 512 GB SSD Wi-Fi 6 (802.11ax) Windows 11 Pro Black Czech, Slovakian

Brand : DELL

Product family: Pro

Product code: 29GJC

Product name : PV14250

DELL Pro 14 Essential PV14250. Product type: Laptop, Form factor: Clamshell. Processor family: Intel Core 5, Processor model: 120U. 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: Intel® Graphics. Operating system installed: Windows 11 Pro. Product colour: Black. Weight: 1.69 kg



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	✓
Introduction year	2025	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
Display diagonal (metric)	35.565 cm	Numeric keypad *	✗
RGB colour space	NTSC	Keyboard backlit	✓
Colour gamut	45%	Keyboard language	Czech, Slovakian
Display response rise/fall	35 ms	Copilot key	✓
Maximum refresh rate	60 Hz	Software	
Contrast ratio (typical)	800:1	Operating system architecture	64-bit
Processor		Trial software	Activate Your Microsoft 365 For A 30 Day Trial
Processor manufacturer *	Intel	Operating system installed *	Windows 11 Pro
Processor family *	Intel Core 5	Bundled software	McAfee Business Protection 1-year, Windows System Driver
Processor generation	Intel Core (Series 1)	Battery	
Processor model *	120U	Battery technology	Lithium-Ion (Li-Ion)
Processor cores	10	Number of battery cells	4
Processor threads	12		
Processor boost frequency	5 GHz		
Performance cores	2		
Efficient cores	8		

Processor		Battery	
Performance-core Max Turbo Frequency	5 GHz	Battery capacity *	54 Wh
Efficient-core Max Turbo Frequency	3.8 GHz	Battery voltage	15 V
Performance-core base frequency	1.4 GHz	Removable battery	✗
Efficient-core base frequency	0.9 GHz	Battery recharge time	3 h
Processor cache	12 MB	Fast charging	✓
Processor cache type	Smart Cache	Battery charge indicator	✓
Processor socket	BGA 1744	Battery weight	230 g
Processor base power	15 W	Power	
Maximum turbo power	55 W	AC adapter power	65 W
Memory		AC adapter frequency	50 - 60 Hz
Internal memory *	16 GB	AC adapter input voltage	100 - 240 V
Internal memory type	DDR5-SDRAM	AC adapter output current	3.34 A
Memory form factor	SO-DIMM	AC adapter output voltage	19.5 V
Memory layout (slots x size)	1 x 16 GB	DC-in jack	✓
Memory slots	2x SO-DIMM	USB Type-C charging port *	✓
Maximum internal memory *	32 GB	USB Type-C required charging power (min) *	27 W
Memory data transfer rate	5200 MT/s	USB Type-C required charging power (max) *	53 W
Storage		USB Power Delivery (USB PD)	✓
Total storage capacity *	512 GB	Security	
Storage media *	SSD	Cable lock slot	✓
Total SSDs capacity	512 GB	Cable lock slot type	Wedge
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 - 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	Sustainability	
On-board graphics card *	✓	Sustainability certificates	ENERGY STAR, EPEAT Climate +, EPEAT Silver
On-board GPU manufacturer	Intel	Weight & dimensions	
Discrete graphics card *	✗	Width	314 mm
On-board graphics card family	Intel® Graphics	Depth	226.2 mm
On-board graphics card model *	Intel® Graphics	Height	18.1 mm
Audio		Height (front)	1.69 cm
Audio chip	Realtek ALC3254	Height (rear)	1.81 cm
Audio system	High Definition Audio	Weight *	1.69 kg
Number of built-in speakers	2	Carbon footprint	
Speaker power	2.5 W	Total carbon footprint (kg of CO2e)	144
Built-in microphone	✓	Carbon emissions, manufacturing (kg of CO2e)	120.53
Camera		Carbon emissions, logistics (kg of CO2e)	2.88
Front camera	✓	Carbon emissions, energy usage (kg of CO2e)	19.3
Front camera resolution (numeric)	2.07 MP	Carbon emissions, end-of-life (kg of CO2e)	1.3
Front camera resolution	1920 x 1080 pixels	PAIA version	GaBi version 1, 2025
Front camera HD type	Full HD	Packaging content	
Video capturing speed	30 fps	AC adapter included *	✗
Network			
Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)		
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax)		
Mobile network connection *	✗		
Wi-Fi band	Dual-band (2.4 GHz / 5 GHz)		

Network

Wi-Fi data rate (max)	1201 Mbit/s
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