



DELL Pro 15 Essential PV15250 Intel® Core™ i7 i7-1355U Laptop 39.6 cm (15.6") Full HD 16 GB DDR5-SDRAM 512 GB SSD Wi-Fi 6 (802.11ax) Windows 11 Home German Black

Brand : DELL

Product family: Pro

Product code: DM51P

Product name : PV15250

DELL Pro 15 Essential PV15250. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i7, Processor model: i7-1355U. Display diagonal: 39.6 cm (15.6"), HD type: Full HD, Display resolution: 1920 x 1080 pixels. Internal memory: 16 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 512 GB, Storage media: SSD. On-board graphics card model: Intel® UHD Graphics. Operating system installed: Windows 11 Home. Product colour: Black. Weight: 1.94 kg



Design		Network	
Product type *	Laptop	WLAN controller manufacturer	Realtek
Product colour *	Black	Bluetooth	✓
Form factor *	Clamshell	MIMO	✓
Certified refurbished	✗	MIMO type	Multi User MIMO
Display		Ports & interfaces	
Display diagonal *	39.6 cm (15.6")	USB 2.0 ports quantity *	1
Display resolution *	1920 x 1080 pixels	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1
Touchscreen *	✗	USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1
HD type	Full HD	HDMI ports quantity *	1
Panel type	IPS	HDMI version	1.4
LED backlight	✓	Combo headphone/mic port	✓
Native aspect ratio	16:9	Power adapter barrel connector	4.5 mm
Anti-glare screen	✓	USB Type-C DisplayPort Alternate Mode	✓
Display brightness	250 cd/m²	Keyboard	
Pixel density	141 ppi	Pointing device	Touchpad
RGB colour space	NTSC	Numeric keypad *	✓
Colour gamut	45%	Keyboard backlit	✗
Display response rise/fall	35 ms	Keyboard layout	QWERTZ
Maximum refresh rate	120 Hz	Keyboard language	German
Contrast ratio (typical)	600:1	Software	
Processor		Operating system architecture	64-bit
Processor manufacturer *	Intel	Trial software	McAfee+ Premium 30-day trial, Activate Your Microsoft 365 For A 30 Day Trial
Processor family *	Intel® Core™ i7	Operating system installed *	Windows 11 Home
Processor generation	13th gen Intel® Core™ i7	Bundled software	Windows System Driver
Processor model *	i7-1355U	Brand-specific features	
Processor cores	10	Brand specific technologies	Express Charge Boost capable
Processor threads	12	Battery	
Processor boost frequency	5 GHz	Battery technology	Lithium Polymer (LiPo)
Performance cores	2	Number of battery cells	4
Efficient cores	8		
Performance-core Max Turbo Frequency	5 GHz		
Efficient-core Max Turbo Frequency	3.7 GHz		
Processor cache	12 MB		
Processor cache type	Smart Cache		

Processor		Battery	
Processor base power	15 W	Battery capacity *	54 Wh
Maximum turbo power	55 W	Battery voltage	15 V
Neural processor unit (NPU)		Battery recharge time	4 h
Copilot+ PC	✗	Fast charging	✓
Memory		Battery charge indicator	✓
Internal memory *	16 GB	Battery weight	240 g
Internal memory type	DDR5-SDRAM	Power	
Memory form factor	SO-DIMM	AC adapter power	65 W
Memory layout (slots x size)	1 x 16 GB	AC adapter frequency	50 - 60 Hz
Maximum internal memory *	16 GB	AC adapter input voltage	100 - 240 V
Memory data transfer rate	5200 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	USB Power Delivery (USB PD)	✓
Number of SSDs installed	1	Security	
SSD capacity	512 GB	Fingerprint reader	✓
SSD interface	PCI Express 4.0	Trusted Platform Module (TPM)	✓
NVMe	✓	Trusted Platform Module (TPM) version	2.0
SSD form factor	M.2	Operational conditions	
M.2 SSD size	2230 (22 x 30 mm)	Operating temperature (T-T)	0 - 35 °C
Optical drive type *	✗	Storage temperature (T-T)	-40 - 65 °C
Card reader integrated	✓	Operating relative humidity (H-H)	10 - 90%
Compatible memory cards	SD, SDHC, SDXC	Storage relative humidity (H-H)	0 - 95%
Graphics		Operating altitude	0 - 3048 m
Discrete graphics card model *	Not available	Non-operating altitude	0 - 10668 m
On-board graphics card *	✓	Operating shock	110 G
On-board GPU manufacturer	Intel	Non-operating shock	160 G
Discrete graphics card *	✗	Operating vibration	0.66 G
On-board graphics card family	Intel® UHD Graphics	Non-operating vibration	1.3 G
On-board graphics card model *	Intel® UHD Graphics	Weight & dimensions	
Audio		Width	358.5 mm
Audio system	High Definition Audio	Depth	234.9 mm
Number of built-in speakers	2	Height (front)	1.55 cm
Speaker power	2.5 W	Height (rear)	1.75 cm
Built-in microphone	✓	Weight *	1.94 kg
Camera		Carbon footprint	
Front camera	✓	Total carbon footprint (kg of CO2e)	160
Front camera resolution (numeric)	2 MP	Carbon emissions, manufacturing (kg of CO2e)	135.36
Front camera resolution	1920 x 1080 pixels	Carbon emissions, logistics (kg of CO2e)	3.68
Front camera HD type	Full HD	Carbon emissions, energy usage (kg of CO2e)	19.36
Video capturing speed	30 fps	Carbon emissions, end-of-life (kg of CO2e)	1.6
Network		PAIA version	GaBi version 1, 2025
Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)	Packaging content	
Wi-Fi standards	802.11a, Wi-Fi 5 (802.11ac), 802.11b, Wi-Fi 6 (802.11ax), 802.11g, Wi-Fi 4 (802.11n)	AC adapter included *	✓
Mobile network connection *	✗		
Wi-Fi band	Dual-band (2.4 GHz / 5 GHz)		
Antenna type	2x2		
WLAN controller model	Realtek RTL8852BE		



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