



DELL Pro 15 Essential PV15250 Intel® Core™ i7 i7-1355U Laptop 39.6 cm (15.6") Full HD 16 GB DDR5-SDRAM 1 TB SSD Wi-Fi 6 (802.11ax) Windows 11 Pro German Black

Brand : DELL

Product family: Pro

Product code: GYXJD

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: 1 TB, Storage media: SSD. On-board graphics card model: Intel® UHD Graphics. Operating system installed: Windows 11 Pro. Product colour: Black. Weight: 1.9 kg



Design		Network	
Product type *	Laptop	WLAN controller manufacturer	Realtek
Product colour *	Black	Bluetooth	✓
Form factor *	Clamshell	MIMO	✓
Housing material	Plastic	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	✓	Keyboard	
Display brightness	250 cd/m²	Pointing device	Touchpad
Pixel density	141 ppi	Numeric keypad *	✓
RGB colour space	NTSC	Keyboard layout	QWERTZ
Colour gamut	45%	Keyboard language	German
Display response rise/fall	35 ms	Keyboard colour name	Carbon Black
Maximum refresh rate	120 Hz	Software	
Contrast ratio (typical)	600:1	Operating system architecture	64-bit
Processor		Trial software	McAfee Business Protection 1-year, Activate Your Microsoft 365 For A 30 Day Trial
Processor manufacturer *	Intel	Operating system installed *	Windows 11 Pro
Processor family *	Intel® Core™ i7	Brand-specific features	
Processor generation	13th gen Intel® Core™ i7	Brand specific technologies	Express Charge Boost capable
Processor model *	i7-1355U	Battery	
Processor cores	10	Battery technology	Lithium Polymer (LiPo)
Processor threads	12	Number of battery cells	4
Processor boost frequency	5 GHz	Battery capacity *	54 Wh
Performance cores	2	Battery voltage	15 V
Efficient cores	8	Battery recharge time	4 h
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	Fast charging	✓
Maximum turbo power	55 W	Battery charge indicator	✓
Memory		Battery weight	240 g
Internal memory *	16 GB	Power	
Internal memory type	DDR5-SDRAM	AC adapter power	65 W
Memory form factor	SO-DIMM	AC adapter frequency	50 - 60 Hz
Memory layout (slots x size)	1 x 16 GB	AC adapter input voltage	100 - 240 V
Maximum internal memory *	16 GB	AC adapter output current	3.34 A
Memory data transfer rate	4400 MT/s	AC adapter output voltage	19.5 V
Storage		DC-in jack	✓
Total storage capacity *	1 TB	USB Type-C charging port *	✗
Storage media *	SSD	Security	
Total SSDs capacity	1 TB	Fingerprint reader	✓
Number of SSDs installed	1	Trusted Platform Module (TPM)	✓
SSD capacity	1 TB	Trusted Platform Module (TPM) version	2.0
SSD interface	PCI Express 4.0	Operational conditions	
NVMe	✓	Operating temperature (T-T)	0 - 35 °C
SSD form factor	M.2	Storage temperature (T-T)	-40 - 65 °C
M.2 SSD size	2230 (22 x 30 mm)	Operating relative humidity (H-H)	10 - 90%
Optical drive type *	✗	Storage relative humidity (H-H)	0 - 95%
Card reader integrated	✓	Operating altitude	0 - 3048 m
Compatible memory cards	SD, SDHC, SDXC	Non-operating altitude	0 - 10668 m
Graphics		Operating shock	110 G
Discrete graphics card model *	Not available	Non-operating shock	160 G
On-board graphics card *	✓	Operating vibration	0.66 G
On-board GPU manufacturer	Intel	Non-operating vibration	1.3 G
Discrete graphics card *	✗	Weight & dimensions	
On-board graphics card model *	Intel® UHD 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 *	✗		
Wi-Fi band	Dual-band (2.4 GHz / 5 GHz)		
Antenna type	2x2		
WLAN controller model	Realtek RTL8852BE		



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