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 Pro Black US English



Brand : DELL **Product family:** Pro **Product code:** 0WR3Y

Product name : PV15250



- Windows 11 Pro 64-bit
- Intel Core i7-1355U (12MB Cache)
- 15.6" Full HD 1920 x 1080 IPS
- 16GB DDR5-SDRAM (1 x 16) & 512GB SSD

Intel Core i7-1355U (12MB Cache), 16GB DDR5-SDRAM, 512GB SSD, 15.6" Full HD 1920 x 1080 IPS, Intel Iris Xe Graphics, WLAN, Webcam, Windows 11 Pro 64-bit

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 Pro Black US English:

Designed for small business productivity
15-inch laptop with a durable chassis designed to power your productivity with expansive 16:10 displays and a numeric keypad.
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 Iris Xe Graphics. Operating system installed: Windows 11 Pro. Product colour: Black. Weight: 1.9 kg

Design	
Colour name	Carbon Black
Product type *	Laptop
Product colour *	Black
Form factor *	Clamshell
Housing material	Plastic

Display	
Display diagonal *	39.6 cm (15.6")
Display resolution *	1920 x 1080 pixels
Touchscreen *	✗
HD type	Full HD
Panel type	IPS
LED backlight	✓
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 *	Intel
Processor family *	Intel® Core™ i7
Processor generation	13th gen Intel® Core™ i7
Processor model *	i7-1355U
Processor cores	10
Processor threads	12
Processor boost frequency	5 GHz
Performance cores	2
Efficient cores	8

Network	
Antenna type	2x2
WLAN controller model	Realtek RTL8852BE
WLAN controller manufacturer	Realtek
Bluetooth	✓
MIMO	✓
MIMO type	Multi User MIMO

Ports & interfaces	
USB 2.0 ports quantity *	1
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 language	US English

Software	
Operating system architecture	64-bit
Trial software	Activate Your Microsoft 365 For A 30 Day Trial
Operating system installed *	Windows 11 Pro
Bundled software	Additional Software

Brand-specific features	
Brand specific technologies	Express Charge Boost capable

Battery	
Battery technology	Lithium Polymer (LiPo)

Processor	
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 socket	BGA 1744
Processor base power	15 W
Maximum turbo power	55 W

Memory	
Internal memory *	16 GB
Internal memory type	DDR5-SDRAM
Memory form factor	SO-DIMM
Memory layout (slots x size)	1 x 16 GB
Maximum internal memory *	16 GB
Memory data transfer rate	4400 MT/s

Storage	
Total storage capacity *	512 GB
Storage media *	SSD
Total SSDs capacity	512 GB
Number of SSDs installed	1
SSD capacity	512 GB
SSD interface	PCI Express 4.0
NVMe	✔
SSD form factor	M.2
M.2 SSD size	2230 (22 x 30 mm)
Optical drive type *	✘
Card reader integrated	✔
Compatible memory cards	SD, SDHC, SDXC

Graphics	
Discrete graphics card model *	Not available
On-board graphics card *	✔
On-board GPU manufacturer	Intel
Discrete graphics card *	✘
On-board graphics card model *	Intel Iris Xe Graphics

Audio	
Audio system	High Definition Audio
Number of built-in speakers	2
Speaker power	2.5 W
Built-in microphone	✔

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 6 (802.11ax)
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)

Battery	
Number of battery cells	4
Battery capacity *	54 Wh
Battery voltage	15 V
Battery recharge time	4 h
Fast charging	✔
Battery charge indicator	✔
Battery weight	240 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
AC adapter output voltage	19.5 V
DC-in jack	✔
USB Type-C charging port *	✘

Security	
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	0 - 3048 m
Non-operating altitude	0 - 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)	160
Carbon emissions, manufacturing (kg of CO2e)	135.36
Carbon emissions, logistics (kg of CO2e)	3.68
Carbon emissions, energy usage (kg of CO2e)	19.36
Carbon emissions, end-of-life (kg of CO2e)	1.6
PAIA version	GaBi version 1, 2025

Packaging content	
AC adapter included *	✔

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