

Dell Pro 15 Essential PV15250

Reliable daily performance. Business-ready. A 15-inch business-ready notebook with a long-lasting battery and a slim, durable chassis with Intel® Core™ performance

Product identity

Brand	Dell
Model	PV15250
MPN / part number	2PCWG
EAN / GTIN	5397184977965
Category	Laptops

Highlights

- Windows 11 Pro 64-bit.
- Intel Core 3 100U (10MB Cache).
- 39.6 cm (15.6") Full HD 1920 x 1080 IPS.
- 8GB DDR5-SDRAM (1 x 8) & 512GB SSD.
- Reliable daily performance. Business-ready: Power through your workday with Intel® Core™ performance and a long-lasting battery. And don't stress the fumbles or bumps thanks to a slim, durable chassis that passes MIL-STD testing.
- Connect. Collaborate. Succeed: Show up ready for every meeting with an HD webcam - your polished image, every time. Built-in single mic with AI noise reduction cuts through distractions, ensuring your voice-and your ideas-always stand out. Power through....

Key specifications

Processor	Intel Core 3 100U
Memory	8 GB DDR5-SDRAM
Storage	512 GB SSD
Display	39.6 cm (15.6") · Full HD · 120 Hz
Operating system	Windows 11 Pro
Wireless	Wi-Fi 6 (802.11ax) · Bluetooth

Product overview

Reliable daily performance. Business-ready. A 15-inch business-ready notebook with a long-lasting battery and a slim, durable chassis with Intel® Core™ performance.

Compatibility and physical details

Colour	Black
Dimensions	358.5 mm × 235.6 mm × 1.7 cm - 1.9 cm
Weight	1.9 kg

Full technical specification

Design

Product type	Laptop
Product colour	Black
Form factor	Clamshell

Housing material	Aluminium
------------------	-----------

Display

Display diagonal	39.6 cm (15.6")
Display resolution	1920 x 1080 pixels
Touchscreen	No
HD type	Full HD
Panel type	IPS
LED backlight	Yes
Native aspect ratio	16:9
Anti-glare screen	Yes
Display brightness	250 cd/m ²
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 3
Processor generation	Intel Core (Series 1)
Processor model	100U
Processor cores	6
Processor threads	8
Processor boost frequency	4.7 GHz
Performance cores	2
Efficient cores	4
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 cache	10 MB
Processor cache type	Smart Cache
Processor base power	15 W
Maximum turbo power	55 W

Memory

Internal memory	8 GB
-----------------	------

Internal memory type	DDR5-SDRAM
----------------------	------------

Memory form factor	SO-DIMM
--------------------	---------

Memory layout (slots x size)	1 x 8 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	Yes
------	-----

SSD form factor	M.2
-----------------	-----

M.2 SSD size	2230 (22 x 30 mm)
--------------	-------------------

Optical drive type	No
--------------------	----

Card reader integrated	Yes
------------------------	-----

Compatible memory cards	SD, SDHC, SDXC
-------------------------	----------------

Graphics

On-board graphics card	Yes
------------------------	-----

On-board GPU manufacturer	Intel
---------------------------	-------

Discrete graphics card	No
------------------------	----

On-board graphics card family	Intel® Graphics
-------------------------------	-----------------

On-board graphics card model	Intel® Graphics
------------------------------	-----------------

Audio

Audio system	High Definition Audio
--------------	-----------------------

Number of built-in speakers	2
-----------------------------	---

Speaker power	2.5 W
---------------	-------

Built-in microphone	Yes
---------------------	-----

Camera

Front camera	Yes
--------------	-----

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	No
Wi-Fi band	Dual-band (2.4 GHz / 5 GHz)
Antenna type	2x2
WLAN controller model	Realtek RTL8852BE
WLAN controller manufacturer	Realtek
Bluetooth	Yes
MIMO	Yes
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	Yes
Power adapter barrel connector	4.5 mm

Keyboard

Pointing device	Touchpad
Numeric keypad	Yes
Keyboard language	UK English
Keyboard colour name	Carbon Black

Software

Operating system architecture	64-bit
Trial software	McAfee Business Protection 1-year, Activate Your Microsoft 365 For A 30 Day Trial
Operating system installed	Windows 11 Pro

Brand-specific features

Brand specific technologies	Express Charge Boost capable
-----------------------------	------------------------------

Battery

Battery technology	Lithium Polymer (LiPo)
Number of battery cells	3
Battery capacity	41 Wh
Battery voltage	11.25 V
Battery recharge time	4 h

Fast charging	Yes
Battery charge indicator	Yes
Battery weight	190 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	Yes
USB Type-C charging port	No

Security

Fingerprint reader	Yes
--------------------	-----

Trusted Platform Module (TPM)	Yes
-------------------------------	-----

Trusted Platform Module (TPM) version	2.0
---------------------------------------	-----

Weight & dimensions

Width	358.5 mm
Depth	235.6 mm
Height (front)	1.7 cm
Height (rear)	1.9 cm
Weight	1.9 kg

Packaging content

AC adapter included	Yes
---------------------	-----

Manufacturer documents

- User manual (manual pdf)
- Brochure DELL 2PCWG (leaflet)

Source and support

Product data supplied by Icecat and formatted by OrbitBay. Specifications can change by exact manufacturer part number or regional configuration. Check the MPN and EAN shown above before ordering. For help, contact hello@orbitbay.co.uk.