ComX Computers
Product Specification Sheet

PV15250_RPLU_002_M

Dell Pro 15 Essential PV15250 13th gen Notebook i7-1355U 5.0GHz 16GB 512GB 15.6" FULL HD Iris Xe BT Win 11 Home

Product Overview

Dell Pro 15 Essential PV15250 Series 13th gen PV15250_RPLU_002_M Black Notebook, Intel Core i7 Raptor Lake Ten (10) Core i7-1355U Turbo Boost up to 5.0Ghz 12MB L3 Cache Processor (2 Perfomance Cores & 8 Efficient Cores), 16GB DDR5-4800 SO-Dimm Memory (1x16GB), Supports 64GB Max Mem, 2 Memory slots, 512GB SSD Solid State Hard Drive PCIe, M.2 2280 slot, NO optical drive (No CD), 15.6" FULL HD (1920 x 1080 resolution) Non Gloss Type IPS, 120Hz LED Backlit Display, Intel Iris Xe Graphics, 802.11ax Wi-Fi 6, Bluetooth, Webcam, 4 Cell Battery, Fingerprint Reader, Full Size Keyboard with Numpad, 1x USB 3.2 Gen 1 Type-A port, 1x USB 2.0 port, 1x USB 3.2 Gen 1 (5 Gbps) Type-C data only port, HDMI output, SD Card Reader, 1.9 kg, Microsoft Windows 11 Home 64 bit, 1 Year Next Business Day On-site warranty











Specifications

Summary Overview:

Upgrade your workflow with the Dell Pro 15 Essential PV15250, a powerful business notebook designed specifically for professionals in South Africa who demand reliability and performance. Powered by an Intel Core i7 processor and 16GB of fast DDR5 memory, this laptop handles multitasking effortlessly while delivering crisp visuals on its 120Hz FHD display.

Whether you are managing complex spreadsheets, attending virtual meetings with the HD webcam, or working remotely in varying conditions thanks to MIL-STD durability, this device is your ideal companion. Secure your high-performance machine today and experience seamless productivity; buy now to get started.

Laptop performance tier: Mid-range Business

Uses: Office work, data analysis, video conferencing, multitasking, student studies, web browsing

Overview:

The Dell Pro 15 Essential laptop, part number PV15250_RPLU_002_M, is engineered specifically for small business productivity and daily reliability. This powerful machine combines the latest Intel Core i7 Raptor Lake processor with a durable chassis that has passed rigorous MIL-STD-810H testing to withstand heat, drops, and everyday wear. Whether you are working from an office desk or your laptop on your lap, adaptive thermals ensure efficient performance while Dell ComfortView technology helps reduce eye strain during long work sessions.

Description

This business-ready notebook features a 15.6-inch Full HD IPS display with a smooth 120Hz refresh rate, providing sharp visuals for both work and media consumption. Powered by an Intel Core i7-1355U processor with up to 5.0GHz Turbo Boost and 16GB of fast DDR5 memory, it handles demanding multitasking with ease. The system includes a 512GB PCIe SSD for rapid boot times and ample storage, along with Wi-Fi 6 connectivity and an HD webcam with AI noise reduction for clear video calls. Designed for comfort, the ergonomic keyboard includes a full-size numeric keypad and lifted hinges to support your wrists.

Features:

Performance and Reliability

Experience seamless productivity with hardware designed to last through years of demanding use. The laptop is built to handle environmental stressors including high heat up to 65 degrees Celsius, ensuring it remains operational even in challenging conditions. With a battery management system that supports ExpressCharge for an 80% charge in just one hour, you can stay powered throughout your workday without interruption.

- Intel Core i7-1355U Processor with 10 cores and up to 5.0GHz speed

- 16GB DDR5-4800 memory for rapid multitasking
- MIL-STD-810H certified durability against drops, heat, and stress
- ExpressCharge technology for fast power-ups
- Dell ComfortView to minimize blue light exposure and eye fatigue

Display and Visual Experience

The 15.6-inch display offers a non-glossy finish that reduces glare, paired with a 120Hz LED backlight for fluid motion in videos and applications. The IPS panel ensures consistent color reproduction from wide viewing angles, making it ideal for collaborative work or presentations. For multimedia needs, the system includes tuned speakers to deliver clear audio output.

- 15.6-inch Full HD (1920 x 1080) resolution
- IPS technology with anti-glare coating
- 120Hz refresh rate for smooth visuals
- 250 nits brightness for indoor clarity

Connectivity and Ports

Stay connected with a comprehensive array of ports designed to support all your peripherals without the need for dongles. The right side houses an SD card reader, USB 2.0 port, and audio jack, while the left side provides access to power, HDMI output, and high-speed data transfer via USB Type-C.

- HDMI 1.4 output supporting up to 1920x1080 resolution
- USB 3.2 Gen 1 Type-A port for fast file transfers
- USB 3.2 Gen 1 Type-C data-only port
- Built-in Wi-Fi 6 and Bluetooth connectivity
- SD card reader for easy media access

Ergonomics and Design

The laptop features a sleek Carbon Black plastic chassis that balances durability with a professional aesthetic. The keyboard layout includes a full-size numeric keypad, making it perfect for data entry tasks, while the lifted hinge design creates an ergonomic typing angle to reduce wrist strain. A precision touchpad ensures accurate cursor control, and the device is lightweight enough for easy portability.

- Full-size keyboard with separate numeric keypad
- Ergonomic lift hinges for better typing posture
- Precision touchpad for accurate navigation
- Weighs approximately 1.9 kg (4.19 lb max)

What's in the box

- Dell Pro 15 Essential Laptop
- 65 Watt AC Adapter and Power Cord
- User Guide and Safety Information

Specifications:

Processor	Intel Core Processor
Operating System	Windows 11 Home / Pro
Graphics Card	Intel UHD Graphics
Display	15.6", Non-Touch, FHD, 120Hz, WVA, IPS, Anti-Glare, 250 nits
Memory	DDR5, 4400 MT/s, 2 slots
Storage	M.2 2280 PCIe NVMe, SSD
Case	Carbon Black (Plastic)
Keyboard	English US non-backlit keyboard

Ports	1 USB 3.2 Gen 1 Type-A (5 Gbps) port
	1 USB 2.0 (480 Mbps) port
	1 USB 3.2 Gen 1 (5 Gbps) Type-Cdata only port (only for computers with 13th Gen IntelCore processors)
	1 USB 3.2 Gen 1 (5 Gbps) Type-C port with displayport 1.4 and power Delivery (only for computers with aluminum chassis)
	1 Universal Audio Jack
	1 HDMI 1.4 port
	1 Power Jack
Slots	1 SD-card slot
Dimensions & Weight	Height (rear): 0.75 in. (18.99 mm)
	Height (front): 0.67 in. (16.96 mm)
	Width: 14.11 in. (358.50 mm)
	Depth: 9.28 in. (235.56 mm)
	Weight (maximum): 4.19 lb (1.90 kg)
Camera	720p at 30 fps HD RGB camera, Single integrated microphone
Audio and Speakers	2 tuned speakers
Chassis	Exterior Chassis Materials:
	Plastic exterior shell
	Color options:
	Carbon Black
	Touchpad:
	Precision touchpad
Wireless	Realtek Wi-Fi 6 RTL8852BE, 2x2, 802.11ax, MU-MIMO, Bluetooth wireless card
Primary Battery	3-Cell Battery, 41WHr (Integrated)
Power	65 Watt AC adapter
Palmrest	Carbon Black Palmrest without Finger Print Reader

FAQ

Does this Dell Pro 15 Essential laptop support Windows 11 Pro and AI features like Copilot?

The product description highlights that the system is designed for business success with industry-leading AI, powerful cybersecurity, and mentions "Accelerate business success with Copilot and Windows 11 Pro." However, the detailed specifications table explicitly lists the operating system as "Windows 11 Home / Pro," while the main feature list states it comes with "Microsoft Windows 11 Home 64 bit" pre-installed. While the text suggests AI capabilities are available on Dell PCs running Windows 11 Pro, this specific model ships with the Home edition.

Is the laptop durable enough for travel and daily commuting?

Yes, the Dell Pro 15 Essential features a slim, durable chassis that has passed rigorous MIL-STD-810H testing. It is built to withstand everyday stress, including being twisted over 25,000 times, dropped 1,200 times, and exposed to heat up to 65 degrees C (149 degrees F). The hinges are tested for 20,000 cycles, ensuring the screen opens and closes smoothly even with frequent use.

Can I upgrade the memory or storage on this notebook?

The laptop features two memory slots supporting DDR5-4800 SO-Dimm RAM, allowing you to expand up to a maximum of 64GB. It currently comes with 16GB installed (1x16GB). For storage, it includes a 512GB PCIe SSD in an M.2 2280 slot, which can be upgraded or replaced as needed.

What display and connectivity options are available for video calls and external monitors?

The notebook features a 15.6" Full HD (1920 x 1080) Non-Gloss IPS display with a 120Hz refresh rate to help reduce eye strain. For video conferencing, it includes an HD webcam with AI noise reduction and a single integrated microphone. Connectivity options include HDMI 1.4 for external displays (supporting up to 1920x1080 @60Hz), Wi-Fi 6, Bluetooth, and various USB ports including Type-A and a data-only Type-C port.

How long does the battery last and what charging features are included?

The laptop is equipped with a 4-cell (listed as 3-Cell/41WHr in specs) battery designed for reliable daily performance. It supports ExpressCharge, which can provide an 80% charge in just one hour. Additionally, adaptive thermals intelligently adjust power and heat management to maintain efficiency whether you are at your desk or working from your lap.

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page:
https://www.comx-computers.co.za/Buy-Notebooks-Laptops-PV15250_RPLU_002_M-Dell-Pro-15-Essential-PV15250-13th-gen-Notebook-lp-342061.php

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