ComX Computers
Product Specification Sheet

PV15250_RPLU_001_P8L

Dell Pro 15 Essential PV15250 13th gen Notebook i5-1334U 4.6GHz 8GB 512GB 15.6" FULL HD Iris Xe BT Win 11 Pro

Product Overview

Dell Pro 15 Essential PV15250 Series 13th gen PV15250_RPLU_001_P8L Black Notebook, Intel Core i5 Raptor Lake Ten (10) Core i5-1334U Turbo Boost up to 4.6GHz 12MB L3 Cache Processor (2 Perfomance Cores & 8 Efficient Cores), 8GB DDR5-5200 SO-Dimm Memory (1x8GB), 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, 3 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 Professional 64 bit, 3 Year Next Business Day On-site warranty











Specifications

Summary Overview:

Upgrade your daily workflow with the Dell Pro 15 Essential PV15250, a reliable business notebook tailored for professionals in South Africa who demand performance and durability. Powered by the latest Intel Core i5 processor and fast DDR5 memory, this machine handles multitasking, spreadsheets, and video conferencing with ease. Its sleek black design features a vibrant 120Hz Full HD display that reduces eye strain during long working hours.

Whether you are managing finances with the numeric keypad or collaborating remotely via Wi-Fi 6, this laptop delivers consistent speed and security. Secure your reliable computing partner today by buying now to experience seamless productivity on Windows 11 Pro.

Laptop performance tier: Mid-range Business

Uses: Office work, administration, accounting, spreadsheets, remote work, online meetings

Overview:

Dell Pro 15 Essential PV15250 Laptop Overview

The Dell Pro 15 Essential PV15250 is a reliable business-focused notebook designed to handle everyday productivity, office tasks, and professional workflows with ease. Powered by the latest 13th Gen Intel Core i5 processor, this device offers a responsive computing experience that balances performance and energy efficiency. Whether you are managing spreadsheets, attending video conferences, or working remotely, this laptop provides the stability needed for daily operations.

Description

This notebook combines a robust Intel Core i5-1334U processor with 8GB of fast DDR5 memory and a 512GB PCIe SSD for quick boot times and smooth multitasking. The 15.6-inch Full HD display features a 120Hz refresh rate and anti-glare coating, ensuring clear visuals even in bright environments. With built-in Wi-Fi 6, a fingerprint reader for security, and a full-size keyboard with a numeric keypad, it is perfectly equipped for business users who need a durable and efficient tool.

Features:

Powerful Performance for Business Tasks

At the heart of this system lies the Intel Core i5-1334U Raptor Lake processor. This 10-core chip integrates two performance cores and eight efficient cores, allowing it to handle demanding workloads while maintaining low power consumption during lighter tasks. Turbo Boost technology enables speeds up to 4.6GHz when extra processing power is required for complex applications.

The system comes with 8GB of DDR5-5200 SO-DIMM memory, which provides significantly faster data transfer rates compared to previous generations. Users will appreciate the ability to expand storage later as the laptop includes two memory

slots supporting up to 64GB of RAM. The included 512GB M.2 PCIe SSD ensures that your operating system and files load rapidly.

Crystal Clear Visuals with High Refresh Rate

The 15.6-inch display is a standout feature, offering Full HD resolution (1920 x 1080) on an IPS panel for wide viewing angles. The 120Hz refresh rate makes scrolling through documents and navigating menus feel smoother than standard 60Hz screens. A non-glossy finish helps minimize distracting reflections in office settings.

Dell ComfortView technology is integrated to help reduce blue light emissions, which can contribute to eye strain during long working sessions. The screen also maintains brightness levels up to 250 nits for adequate visibility in various lighting conditions.

Durable Design and Ergonomic Keyboard

Built for longevity, the Dell Pro 15 Essential has undergone rigorous MIL-STD-810H testing to ensure it can withstand the rigors of daily business use. The chassis is designed with adaptive thermal management to adjust cooling based on usage patterns.

The keyboard layout includes a full-size main section and a dedicated numeric keypad, which is essential for accounting and data entry tasks. A calculator hotkey is also available for quick access. The lift hinges provide an ergonomic typing angle that improves comfort over extended periods.

Durability Testing Standards

- Withstands short-term temperatures up to 65 C.
- Lid and base tested through more than 25,000 twisting cycles.
- Chassis tested against 1,200 drops.
- Hinges validated for 20,000 open and close cycles.
- Touchpad rated for two million clicks and touches.
- Power and multimedia buttons tested for up to 40,000 presses.

Connectivity and Expansion

This model includes a comprehensive array of ports to connect external displays, storage devices, and peripherals without the need for dongles. It supports high-speed data transfer via USB 3.2 Gen 1 interfaces and offers dedicated video output options.

- 1x USB 3.2 Gen 1 Type-A port (5 Gbps)
- 1x USB 2.0 port
- 1x USB 3.2 Gen 1 Type-C data port
- HDMI 1.4 output supporting up to 1920 x 1080 at 60Hz
- SD card reader for easy media access
- Universal audio jack for headphones and microphones
- Power connection socket

Wireless Communication and Collaboration Tools

Staying connected is effortless with the integrated Realtek Wi-Fi 6 (802.11ax) wireless card, which offers faster speeds and better performance in congested networks compared to older standards. Bluetooth connectivity allows for seamless pairing with wireless mice, keyboards, and headsets.

The laptop features a built-in HD webcam capable of 720p video at 30 fps, making it suitable for online meetings. An integrated microphone with AI noise reduction technology helps filter out background distractions, ensuring your voice remains clear during calls.

Battery Life and Fast Charging

The device is equipped with a 3-cell battery providing up to 41Whr of power capacity. Efficient energy management helps extend working time between charges. ExpressCharge support allows the battery to reach approximately 80% in around one hour under supported conditions, minimizing downtime when you need to get back to work quickly.

Operating System and Security

The system runs on Microsoft Windows 11 Pro 64-bit, offering a modern interface with enhanced security features tailored for business environments. This OS includes tools like Copilot in Windows to assist with daily tasks and improve workflow

efficiency.

Security is prioritized with an integrated fingerprint reader located on the palmrest, allowing users to log in quickly and securely using their unique biometric data.

What's in the box

- Dell Pro 15 Essential PV15250 Laptop
- 65 Watt AC Adapter (Power Cable)
- User Manual and Safety Information

Technical Specifications Summary

- Model: Dell Pro 15 Essential PV15250
- Processor: Intel Core i5-1334U (Up to 4.6GHz)
- Memory: 8GB DDR5-5200 (Expandable to 64GB)
- Storage: 512GB M.2 PCIe SSD
- Display: 15.6-inch FHD IPS 120Hz Anti-Glare
- Graphics: Intel Iris Xe Graphics
- OS: Windows 11 Pro 64-bit
- Connectivity: Wi-Fi 6 and Bluetooth
- Weight: Approximately 1.9 kg (4.19 lb)
- Color: Carbon Black

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

What operating system does this laptop come with?

The Dell Pro 15 Essential PV15250 is pre-installed with Windows 11 Pro, which includes business-oriented security and productivity tools like Copilot to assist with daily tasks.

Can I upgrade the memory on this notebook?

Yes, the laptop features two memory slots that support up to 64GB of DDR5-5200 SO-Dimm RAM, allowing you to expand beyond the included 8GB for improved multitasking performance.

Is there a CD or DVD drive included with this model?

No, this laptop does not have an optical drive. Instead, it includes an SD card reader for easy access to photos and files from compatible cards.

How fast can the battery charge using ExpressCharge?

The 3-cell battery supports ExpressCharge technology, which can provide up to 80% power in approximately one hour under supported conditions for quick work boosts.

Does this laptop have a numeric keypad and fingerprint security?

The full-size keyboard includes a separate numeric keypad useful for spreadsheets; however, please note that the specific Palmrest configuration listed is without a Fingerprint Reader.

Product Information Online

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

Product page: https://www.comx.co.za/Buy-Notebooks-Laptops-PV15250_RPLU_001_P8L-Dell-Pro-lp-340751.php

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