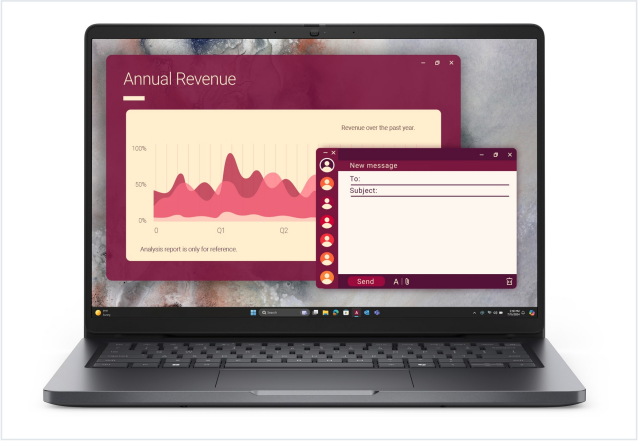
ComX Computers
Product Specification Sheet

PC14250-I7-CHANNEL

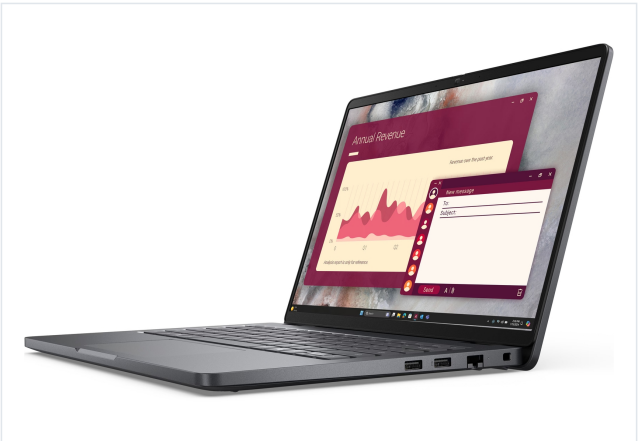
Dell PRO 14 PC14250 Core Notebook Core 7 150U 5.4Ghz 8GB 512GB 14" WUXGA Intel Graphics BT Win 11 Pro

Product Overview

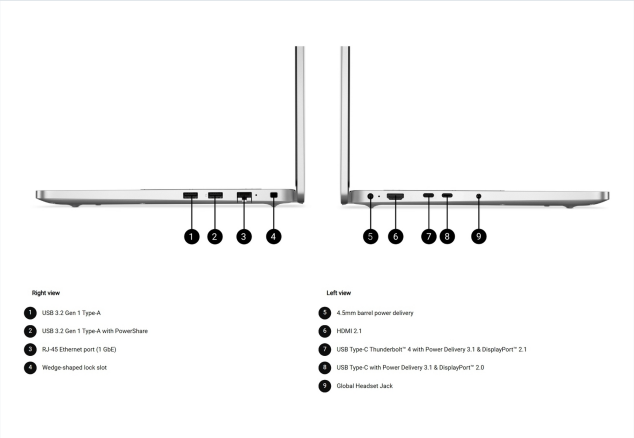
Dell PRO 14 PC14250 Series Core PC14250-I7-CHANNEL Magnetite Notebook, Intel Core 7 150U Ten (10) Core Raptor Lake Turbo Boost up to 5.4Ghz 12MB L3 Cache Processor (2 Perfomance Cores & 8 Efficient), 8GB DDR5-5600 SO-Dimm Memory (1x8GB), Supports 64GB Max Mem, 2 Memory slots, 512GB SSD Solid State Hard Drive PCIe, M.2 2230 slot, NO optical drive (No CD), 14" WUXGA (1920 x 1200 resolution) Non Gloss Type IPS, 300nits LED Backlit Display, Intel Graphics, 802.11ax Wi-Fi 6, 10/100/1000 Gigabit Ethernet LAN, Bluetooth, Webcam, 3 Cell Battery, Fingerprint Reader, Backlit Keyboard, 2x USB 3.2 Gen 1 (5 Gbps) Type-A port, 1x USB 3.2 Gen 2 (10 Gbps) Type-C port with DisplayPort Alt mode / Power Delivery, 1x Thunderbolt 4 (40 Gbps) port with Power Delivery 3.1 & DisplayPort2.1 Alt Mode / USB Type-C / USB4 / Power Delivery, HDMI output, Wedge-shaped lock slot, Copilot Key, 1.4 kg, Microsoft Windows 11 Professional 64 bit, 1 Year Next Business Day On-site warranty











Specifications

Summary Overview:

Upgrade your workflow with the powerful Dell Pro 14 PC14250-I7, now available for purchase in South Africa. This sleek business laptop features an Intel Core 7 150U processor and a vibrant WUXGA display, delivering exceptional performance for productivity tasks. With Windows 11 Pro pre-installed and robust security features like the fingerprint reader, it is perfectly designed for professionals who need reliability on the go.

Take your work anywhere with this durable, lightweight machine that includes Wi-Fi 6 connectivity and a long-lasting battery life. Don't miss out on this premium computing solution; buy now to enhance your daily productivity and experience seamless performance.

Laptop performance tier: Professional Business

Uses: Office work, data analysis, video conferencing, multitasking, travel computing

Overview:

The Dell PRO 14 PC14250 Series laptop is engineered for professionals who demand reliable performance without compromise. Powered by the Intel Core 7 150U processor, this machine delivers a robust computing experience with ten cores capable of turbo boosting up to 5.4Ghz, ensuring smooth multitasking and rapid application loading. The system comes equipped with 8GB of high-speed DDR5-5600 memory, which can be expanded up to 64GB across two accessible slots for future scalability. Storage is handled by a fast 512GB SSD using the PCIe M.2 standard, providing ample space for essential files and quick boot times. The display is a 14-inch WUXGA IPS panel with a 1920 x 1200 resolution, offering a vibrant 300nits brightness level in an anti-glare finish that reduces eye strain during long work sessions.

Description

This Dell PRO 14 laptop combines modern aesthetics with rugged durability, making it ideal for mobile professionals and enterprise environments. The device features a sleek metallic or textured finish depending on the color choice, alongside a built-in AI chip to enhance productivity through intelligent processing. Key benefits include exceptional battery life, advanced connectivity options like Wi-Fi 6 and Thunderbolt 4, and a secure design with a fingerprint reader and TPM support. With Microsoft Windows 11 Pro pre-installed and a dedicated Copilot key for instant AI assistance, users can streamline workflows efficiently. The chassis is built to meet military-grade standards, ensuring it withstands the rigors of daily travel while maintaining a lightweight profile.

Features:

Performance and Processor

The heart of this notebook lies in its Intel Core 7 150U processor from the Raptor Lake family. Designed for efficiency and speed, it integrates two performance cores alongside eight efficient cores to balance power consumption with heavy

workloads. The 12MB L3 cache ensures data is readily available for quick access, while the Turbo Boost technology dynamically increases clock speeds when tasks demand more processing power. This architecture delivers a 14% faster overall system performance compared to previous generations in real-world business applications.

- CPU: Intel Core 7 150U (10 Cores)
- Turbo Boost Speed: Up to 5.4Ghz
- L3 Cache: 12MB
- AI Capability: Built-in AI chip for enhanced productivity

Display and Visual Experience

Work on a larger canvas with the 16:10 aspect ratio display, which offers five percent more screen area than standard 16:9 formats while maintaining a compact footprint. The non-glossy IPS panel provides wide viewing angles and accurate color reproduction, perfect for detailed work or media consumption. With narrow bezels on all sides, the design maximizes the screen-to-body ratio, allowing you to focus entirely on your content without visual distractions.

- Screen Size: 14 inches
- Resolution: WUXGA (1920 x 1200)
- Panel Type: IPS Non-Glossy
- Brightness: 300 nits LED Backlit

Connectivity and Ports

Stay connected anywhere with a comprehensive suite of ports designed for modern workflows. The inclusion of Thunderbolt 4 ensures super-fast data transfer speeds up to 40 Gbps, while the USB Type-C port supports power delivery and display output via DisplayPort Alt mode. Wireless connectivity is handled by Wi-Fi 6 (802.11ax) and Bluetooth, providing stable connections for remote work or streaming. A dedicated Gigabit Ethernet port ensures a reliable wired connection when needed.

- Thunderbolt 4 Port: Supports Power Delivery and DisplayPort
- USB Type-C: 10 Gbps with PD and Alt Mode
- USB Type-A: Two ports at 5 Gbps
- Ethernet: 10/100/1000 Gigabit LAN
- HDMI Output: HDMI 2.1 for external displays

Safety and Durability

Built to travel wherever your work takes you, the Dell PRO 14 undergoes rigorous MIL-STD testing to ensure reliability under demanding conditions. The chassis features a modular design with enhanced durability in key areas like the USB-C ports, which offer significantly better twist and impact resistance than standard designs. Security is paramount for business users, with integrated features including a fingerprint reader, webcam privacy shutter, and support for Dell's Trusted Workspace security solutions.

- MIL-STD Tested Durability
- Fingerprint Reader Included
- Webcam Privacy Shutter
- Wedge-shaped Lock Slot for Physical Security

Sustainability and Design

This laptop is designed with the environment in mind, utilizing up to 30% PCR plastic in its construction. The bezel, palmrest, and bottom cover contain up to 50% post-consumer recycled materials, while the battery frame uses 98% recycled content. It carries certifications including ENERGY STAR, TCO certified, and EPEAT Gold with Climate+, reflecting a commitment to reducing carbon footprint without sacrificing quality.

Dimensions and Weight

Weighing in at approximately 1.4 kg (2.99 lb), this device is light enough for daily commuting yet robust enough for professional use. The sleek profile measures roughly 313 mm in width and 225 mm in depth, with a thin front height of 18.89 mm tapering to a rear height of 20.37 mm.

- Weight: Starting at 1.4 kg (2.99 lb)
- Width: 12.35 inches (313.70 mm)

- Depth: 8.87 inches (225.30 mm)
- Front Height: 0.74 inches (18.89 mm)

Battery and Power

Keep working longer with the integrated 3-cell battery, which offers up to 10.3 hours of runtime for typical business tasks. ExpressCharge technology allows you to quickly top up power when needed, minimizing downtime during busy days.

- Battery Capacity: 3-Cell, 45 Wh
- Runt ime: Up to 10.3 Hours
- Charging: ExpressCharge Capable
- P ower Adapter: 65W AC with USB Type-C support

Software and Operating System

The system ships with Microsoft Windows 11 Professional 64-bit, providing a secure and familiar environment for productivity. The dedicated Copilot key offers instant access to AI-assisted tools within the operating system, streamlining tasks like writing, summarizing, and coding assistance.

What's in the box

- Dell PRO 14 Laptop
- 65W AC Power Adapter
- Power Cord
- Documentation and Safety Sheets

The specific model you are viewing is identified by the part number PC14250-I7-CHANNEL, ensuring you receive the exact configuration described above with Intel Core 7 processing and Windows 11 Pro. This setup is ideal for users seeking a blend of performance, portability, and enterprise-grade security in a compact form factor.

Specifications:

Processor	Up to Intel Core Ultra Series 2 Processor
Operating System	Windows 11 Pro
Graphics Card	Integrated Intel graphics
Display	14", Non-Touch, FHD+, 300 nit, 45% NTSC, Anti-Glare, FHD Cam
Memory	DDR5, 5600 MT/s (5200 MT/s with Intel Core processors)
Storage	M2. PCIe SSD
Keyboard	English US backlit Copilot key keyboard
Ports	1 Global headset port
	1 HDMI 2.1 (TMDS) port
	1 USB 3.2 Gen 1 (5 Gbps) Type-A port
	1 USB 3.2 Gen 1 (5 Gbps) Type-A port with PowerShare
	1 USB 3.2 Gen 2 (10 Gbps) Type-C port with DisplayPort Alt mode/Power Delivery
	1 Thunderbolt 4 (40 Gbps) port with Power Delivery 3.1 & DisplayPort2.1 Alt Mode/USB Type-C/USB4/Power Delivery
	1 RJ45 (1 Gbps) Ethernet port
	1 power-adapter port
	1 Optional Contacted Smart Card Reader (only available with Core Ultra 200U Series - coming soon)
Slots	1 Wedge-shaped lock slot

Dimensions & Weight	Height (rear): 0.80 in. (20.37 mm)
	Height (front): 0.74 in. (18.89 mm)
	Width: 12.35 in. (313.70 mm)
	Depth: 8.87 in. (225.30 mm)
	Weight (minimum): 2.99 lb (1.35 kg)
Touchpad	Multi-touch gesture-enabled precision touchpad with integrated scrolling
Camera	Core Series - Magnetite color, textured finish
	720p at 30 fps HD camera, Dual-array microphones
	1080p at 30 fps FHD camera, Dual-array microphones
	1080p at 30 fps FHD + IR camera, Dual-array microphones
	Core Ultra 200U Series, AI PCs - Platinum silver color, metallic finish
	1080p at 30 fps FHD camera, Dual-array microphones
	1080p at 30 fps FHD + IR camera, Dual-array microphones
Audio and Speakers	Stereo speakers with Waves MaxxAudio Pro, Intelligo, 2 W x 2 = 4 W total
Chassis	Magnetite color, textured finish (Core Series)
	Platinum silver color, metallic finish (Core Ultra 200U Series, AI PCs)
Wireless	Intel Wi-Fi 6E (6 where 6E unavailable) AX211, 2x2, 802.11ax, Bluetooth 5.3 wireless card
Primary Battery	3-cell, 45 Wh, ExpressCharge Capable, ExpressCharge Boost Capable
Power	65W AC adapter, USB Type-C
Palmrest	No Fingerprint Reader

FAQ

Can I upgrade the memory on this laptop?

Yes, the Dell PRO 14 features two DDR5-5600 SO-Dimm slots that support a maximum of 64GB. The current model comes with one 8GB stick installed, allowing you to expand storage for better multitasking performance.

What connectivity options are available for external displays and peripherals?

This notebook includes versatile ports including two USB Type-A (3.2 Gen 1), a USB-C port with Power Delivery, and a high-speed Thunderbolt 4 port that supports DisplayPort 2.1 Alt Mode. You also have access to HDMI 2.1 for connecting monitors and an RJ-45 Ethernet port for wired internet.

How durable is the chassis designed for travel?

The Dell PRO 14 is built with a sleek metallic or textured finish and has undergone rigorous MIL-STD testing to ensure durability. It features a modular design where components like USB-C ports are reinforced for better twist and impact resistance.

Does this laptop support AI capabilities and video conferencing?

Yes, the device is an AI-capable PC equipped with Copilot key access and supports Microsoft Studio Effects to improve video calls. It features a webcam with HDR technology that captures clear images even in low light conditions.

What is included in the display quality for this model?

The laptop comes with a 14-inch WUXGA (1920 x 1200) Non-Gloss Type IPS display featuring narrow bezels and a brightness of 300 nits, offering a larger screen area within a compact footprint.

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-PC14250-I7-CHANNEL-Dell-PRO-14-PC14250-Core-Notebook-Core-7-Ip-342159.php

Images and specifications are provided for reference and are subject to change without notice. E&OE.

Terms of Use: https://www.comx-computers.co.za/terms-of-use.php
Terms of Sale: https://www.comx-computers.co.za/terms-of-sale.php

PDF generated: 2026-11-13 21:03:23.

This PDF was generated automatically and may include content prepared or assisted by automated or AI-based systems. While reasonable care is taken to ensure accuracy, errors or omissions may occur.

For the most current and accurate product information, please refer to the product information available on our website. If any specification or other information differs from information published elsewhere, please confirm the details with us before relying on the information or making a purchasing decision.

If you identify an error or discrepancy, please report it to us so that we may investigate and correct it where necessary.