

Dell Pro 14 Essential PV14250 - 14" - Intel Core 7 - 150U - 16 GB RAM - 512 GB SSD(HRX4N)

Dell Pro 14 Essential PV14250 RPL-U R Core 7 150U UMA, TPM, FF, USBC 16 GB: 1 x 16 GB, DDR5, 5200 MT/s 512GB M.2 PCIe NVMe Solid State Drive 14", Non-Touch, FHD+, IPS, WVA, Anti-Glare, 300 nits Intel Graphics Carbon Black Power Button with Fingerprint Reader Realtek Wi-Fi 6 RTL8852BE, 2x2, 802.11ax, MU-MIMO, Bluetooth wireless card Carbon Black UK/Irish backlit Copilot key keyboard, no numeric keypad 4-Cell Battery, 54Whr (Integrated) 65 Watt AC adapter UK Power Cord Windows 11 Pro McAfee Business Protection 1-year Activate Your Microsoft 365 For A 30 Day Trial Windows System Driver Black 1Y Basic Onsite



The Dell Pro 14 Essential PV14250 combines power and performance in a sleek, portable design. This 14-inch notebook features a Full HD Plus display with a high native resolution of 1920 x 1200, providing vibrant visuals and wide viewing angles. With IPS technology and an anti-glare finish, it ensures comfortable viewing in various lighting conditions. The Intel Core 7 processor, equipped with 10 cores and a turbo boost of up to 5.4 GHz, delivers reliable performance for both productivity and entertainment needs. The 16 GB DDR5 RAM provides speedy data access, while the 512 GB SSD offers ample storage for files and applications, ensuring quick boot times and efficient operation. Connectivity options include USB 3.2, USB-C, and HDMI ports, making it easy to connect to external devices. The high-definition audio with stereo speakers and a built-in RGB camera enhances the multimedia experience, whether for video calls or presentations. With additional features like a fingerprint reader for security and environmental compliance, the Dell Pro 14 Essential is designed to meet the demands of modern mobile professionals.

Key Selling Points

- Full HD Plus display with anti-glare technology
- Powerful Intel Core 7 processor for smooth performance
- 512 GB SSD for fast data access and ample storage
- Variety of connectivity options including USB-C and HDMI
- Enhances security with a fingerprint reader

Product Features

- Vibrant display**
The 14-inch display features a native resolution of 1920 x 1200, providing sharp and vibrant visuals. With IPS technology and a brightness level of 300 cd/m2, users can enjoy stunning images from wide viewing angles, making it ideal for both work and entertainment.
- High-performance processor**
Powered by an Intel Core 7 processor with 10 cores and a maximum turbo speed of 5.4 GHz, this notebook offers robust performance. It efficiently handles multiple applications and processes simultaneously, ensuring a smooth user experience.
- Ample storage**
The device comes with a 512 GB SSD, enabling fast data access and quick boot times. This solid-state drive offers plenty of storage for important files, applications, and media, enhancing overall efficiency.
- Versatile connectivity**
Equipped with USB 3.2, USB-C, and HDMI ports, this notebook supports a variety of peripherals and external displays. This enhances functionality and convenience for users who need to connect various devices while on-the-go.
- Enhanced security features**
Equipped with a fingerprint reader, the Dell Pro 14 Essential ensures user data is protected. This feature, along with the discrete Trusted Platform Module (TPM 2.0) security chip, offers peace of mind for users concerned about security.

Main Specifications

Product Description	Dell Pro 14 Essential PV14250 - 14" - Intel Core 7 - 150U - 16 GB RAM - 512 GB SSD
Product Type	Notebook
Operating System	Win 11 Pro
Processor	Intel Core 7 (Series 1) - 150U / 1.8 GHz, up to 5.4 GHz / 12 MB Cache
Memory	16 GB DDR5 (1 x 16 GB)
Storage	512 GB SSD - NVMe

Display	14" 1920 x 1200 / Full HD Plus @ 60 Hz - 162 ppi
Graphics	Intel Graphics
Keyboard Backlight	Yes
Integrated Webcam	Yes
Networking	Bluetooth, 802.11a/b/g/n/ac/ax
Battery	4-cell
Features	Hall sensor
Security	Trusted Platform Module (TPM 2.0) Security Chip, fingerprint reader
Colour	Carbon black
Dimensions (WxDxH)	31.4 cm x 22.615 cm x 1.807 cm
Weight	1.69 kg
Pricing Type	Build To Stock (BTS)
Manufacturer Selling Program	Dell Smart Selection
Environmental Standards	ENERGY STAR Qualified EPEAT Silver, EPEAT Climate+
Carbon Footprint	144 kg carbon emissions
Bundled Services	1 Year Basic Onsite

Extended Specification

General

Product Type	Notebook
Operating System	Windows 11 Pro

Memory

RAM	16 GB (1 x 16 GB)
Max RAM Supported	32 GB
Technology	DDR5 SDRAM
Speed	5200 MT/s
Rated Speed	5200 MT/s
Form Factor	SO-DIMM 262-pin
Slots Qty	2
Empty Slots	1

Manufacturer Warranty

Bundled Services	1 Year Basic Onsite
------------------	---------------------

Storage

Main Storage	512 GB SSD M.2 2230 PCIe 4.0 x4 - NVMe Express (NVMe)
--------------	---

Miscellaneous

Colour	Carbon black
Case Material	Plastic
Integrated Options	Hall sensor
Security	Trusted Platform Module (TPM 2.0) Security Chip, fingerprint reader
Features	ExpressCharge
Theft/Intrusion Protection	Security lock slot (cable lock sold separately)
Security Slot Type	Wedge-shaped security slot
Included Accessories	Power adapter
Pricing Type	Build To Stock (BTS)
Manufacturer Selling Program	Dell Smart Selection

Environmental Parameters

Min Operating Temperature	0 °C
Max Operating Temperature	40 °C
Humidity Range Operating	90% (non-condensing)
Shock Tolerance (operating)	140 g @ 2 ms half-sine pulse
Vibration Tolerance (operating)	0.66 g @ RMS (random)

Software

Software Included	McAfee Business Protection (1-year), Dell Additional Softwares, Activate your Microsoft 365 for a 30 day trial
-------------------	--

Display

Type	14" - IPS
Resolution	1920 x 1200 (Full HD Plus)
V-Sync Rate at Max Res.	60 Hz
Widescreen	Yes
Pixel Density (ppi)	162
Image Brightness	300 cd/m²
Horizontal Viewing Angle	+85 / -85
Vertical Viewing Angle	+85 / -85
Colour Gamut	45% NTSC
Features	Anti-glare, ComfyView, Wide Viewing Angle, 35 ms response rate, 0.157 mm pixel pitch

Battery

Technology	4-cell
Weight	230 g
Capacity	54 Wh

Communications

Wireless	Bluetooth, 802.11a/b/g/n/ac/ax
Wireless Controller	Realtek RTL8852BE - M.2 2230
Features	Dual stream (2x2), MU-MIMO

Dimensions & Weight

Dimensions (WxDxH)	31.4 cm x 22.615 cm x 1.807 cm
Weight	1.69 kg

Processor / Chipset

CPU	Intel Core 7 (Series 1) 150U / 1.8 GHz
Max Turbo Speed	5.4 GHz
Number of Cores	10-core
Performance Cores	2
Efficient Cores	8
Cache	12 MB
Features	12 Threads

Audio & Video

Graphics Processor	Intel Graphics
Camera	Yes - Full HD
Resolution	2.07 Megapixel

Image Sensor Type	CMOS
Video Resolutions	1920 x 1080
Frame Rate	30 frames per second
Camera Features	RGB camera
Sound	Stereo speakers, microphone
Codec	Realtek ALC3254
Compliant Standards	High Definition Audio

Input

Type	Keyboard, touchpad
Keyboard Backlight	Yes
Features	Copilot key

AC Adapter

Input	AC 100-240 V (50/60 Hz)
Output	65 Watt, 19.5 V, 3.34 A

Connections & Expansion

Interfaces Details	HDMI ¦ USB-C 3.2 Gen 2 (supports DisplayPort 1.4 Alt Mode) (Power Delivery) ¦ 2 x USB 3.2 Gen 1 ¦ Headphone/microphone combo jack
Memory Card Reader	Yes (SD Card, SDHC Card, SDXC Card)

Sustainability Information

EPEAT Compliant	EPEAT Silver
EPEAT Climate+	Yes
ENERGY STAR Certified	Yes
Carbon Footprint	144 kg carbon emissions
Manufacturing (kg CO2e)	120.528
Logistics (kg CO2e)	2.88
Use (kg CO2e)	19.296
EOL (kg CO2e)	1.3
PAIA Version	GaBi version 1, 2025

What's in the box

Dell Pro 14 Essential PV14250
Power adapter

Product data is provided by CNET, we do not warrant the accuracy and completeness of the material contained in this data sheet