Dell Pro 14 Plus PB14250(PG3J4)

Dell Pro 14 Plus PB14250 - Intel Core Ultra 7 - 255U / up to 5.2 GHz - Win 11 Pro - Intel Graphics - 16 GB RAM - 512 GB SSD NVMe - 14" IPS 1920 x 1200 (Full HD Plus) - Gigabit Ethernet - Wi-Fi 6E, NFC - aluminium - BTS - with 1 Year Basic Onsite

The Dell Pro 14 Plus PB14250 is designed to enhance productivity with robust features and performance. It boasts a 14-inch Full HD Plus display, capable of resolutions up to 1920 x 1200, ensuring clear visuals and vibrant colors. The anti-glare IPS technology provides a wide viewing angle, making it suitable for collaborative work and media consumption. Alongside the impressive visual capability, the laptop integrates a powerful Intel Core Ultra 7 processor that supports multitasking with its 8-core design, reaching clock speeds of up to 5 GHz. The solid-state drive (SSD) with 512 GB capacity ensures quick boot-ups and rapid data access, significantly improving workflow efficiency. With capabilities such as ExpressCharge and advanced thermal management, this device is engineered to perform reliably in various environments while being environmentally conscious with ENERGY STAR certification and EPEAT Gold level compliance. The audio experience is enriched by dual noise-canceling microphones and stereo speakers, making video calls clearer and media playback enjoyable. The integrated RGB camera with Temporal Noise Reduction adds to the user experience, offering crisp images at 1080p resolution. For connectivity, it features multiple USB-C ports with Power Delivery, HDMI, and Bluetooth support, allowing seamless integration of peripherals and accessories. The combination of security features, including a fingerprint reader and TPM 2.0, ensures data protection and privacy for users. The Dell Pro 14 Plus PB14250 stands as a reliable companion for professionals seeking a balance of performance, portability, and security in their computing experience.

Key Selling Points

14-inch Full HD Plus display with anti-glare IPS technology
High-performance Intel Core Ultra 7 processor
512 GB SSD for fast data access and storage
Advanced RGB camera with noise reduction features
Multiple connectivity options including USB-C and HDMI

Product Features

Exceptional visuals
The 14-inch Full HD Plus display offers a native resolution of 1920 x 1200, delivering clarity and vibrant colors for all types of content, from professional documents to videos.

Powerful performance
Powered by an Intel Core Ultra 7 processor with 8 cores and a maximum turbo speed of 5 GHz, this laptop is designed to handle demanding applications and multitasking.

Efficient storage solution
The 512 GB SSD provides ample storage space and ensures fast boot times and quick access to files, enhancing overall productivity.

Robust audio capabilities
Equipped with dual noise-canceling microphones and stereo speakers, the Dell Pro 14 Plus PB14250 improves the experience for video conferencing and multimedia playback.

Enhanced connectivity
Multiple USB-C ports with Power Delivery, alongside HDMI, enable extensive connectivity options for a variety of peripherals, ensuring integration into any workstation.

Main Specifications

Product Description	Dell Pro 14 Plus PB14250 - 14" - Intel Core Ultra 7 - 255U - 16 GB RAM - 512 GB SSD
Product Type	Notebook
Operating System	Win 11 Pro - Dutch / English / French / German / Italian
Processor	Intel Core Ultra 7 (Series 2) - 255U / 2 GHz, up to 5.2 GHz / 12 MB Cache
Neural Processor Unit (NPU)	Intel AI Boost - up to 12 TOPS
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 (Wi-Fi 6E), NFC, Gigabit Ethernet
Battery	3-cell
Security	Discrete Trusted Platform Module (TPM 2.0) Security Chip, fingerprint reader, contactless smart card reader, smart card reader
Colour	Aluminium
Dimensions (WxDxH)	31.35 cm x 22.4 cm x 2.12 cm
Weight	1.53 kg
Pricing Type	Build To Stock (BTS)
Manufacturer Selling Program	Dell Smart Selection
Environmental Standards	ENERGY STAR Qualified EPEAT Gold, EPEAT Climate+
Carbon Footprint	108 kg carbon emissions
Bundled Services	1 Year Basic Onsite

Extended Specification

General

Product Type	Notebook
Operating System	Windows 11 Pro - Dutch / English / French / German / Italian

Memory

RAM	16 GB (1 x 16 GB)
Max RAM Supported	64 GB
Technology	DDR5 SDRAM
Speed	5600 MT/s
Rated Speed	5600 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 - NVM Express (NVMe)

Miscellaneous

Colour	Aluminium
Security	Discrete Trusted Platform Module (TPM 2.0) Security Chip, fingerprint reader, contactless smart card reader, smart card reader
Features	ExpressCharge, ExpressChargeBoost, Dell ControlVault 3 +
Theft/Intrusion Protection	Security lock slot (cable lock sold separately)
Security Slot Type	Wedge-shaped security slot
Included Accessories	USB-C power adapter, POD Label
Compliant Standards	FIPS 140-2, TCG Certified
Pricing Type	Build To Stock (BTS)
Manufacturer Selling Program	Dell Smart Selection

Environmental Parameters

Min Operating Temperature	0 °C
Max Operating Temperature	35 °C
Humidity Range Operating	10 - 90% (non-condensing)
Shock Tolerance (operating)	110 g @ 2 ms half-sine pulse
Shock Tolerance (non-operating)	160 g @ 2 ms half-sine pulse
Vibration Tolerance (operating)	0.66 g @ RMS (random)
Vibration Tolerance (non-operating)	1.3 g @ RMS (random)

Software

Software Included	Activate your Microsoft 365 for a 30 day trial, Dell Additional Softwares

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 Aspect Ratio	16:10
Image Brightness	300 cd/m²
Horizontal Viewing Angle	+80 / -80
Vertical Viewing Angle	+80 / -80
Colour Gamut	45% NTSC
Features	Anti-glare, Wide Viewing Angle, 35 ms response rate, 0.157 mm pixel pitch

Battery

Technology	3-cell Lithium Ion
Weight	220 g
Capacity	55 Wh

Communications

Wireless	Bluetooth, 802.11a/b/g/n/ac/ax (Wi-Fi 6E), NFC
Wireless Controller	Intel Wi-Fi 6E AX 211
Network Interface	Gigabit Ethernet
Ethernet Controller	Intel I219-LM
Features	Dual stream (2x2)

Dimensions & Weight

Dimensions (WxDxH)	31.35 cm x 22.4 cm x 2.12 cm
Weight	1.53 kg

Processor / Chipset

CPU	Intel Core Ultra 7 (Series 2) 255U / 2 GHz
Max Turbo Speed	5.2 GHz
Number of Cores	12-core
Performance Cores	2
Efficient Cores	10
Cache	12 MB
Features	14 Threads

Audio & Video

Graphics Processor	Intel Graphics
Camera	Yes - 1920 x 1080 (standard), 640 x 360 (infrared)
Resolution	2.07 Megapixel (standard), 0.23 Megapixel (infrared)
Image Sensor Type	CMOS
Video Resolutions	1920 x 1080
Frame Rate	30 frames per second
Camera Features	Face recognition, IR camera, RGB camera, Temporal Noise Reduction, 86.6 degrees (IR camera), Express Sign-In, camera shutter
Sound	Stereo speakers, 2 digital microphones
Codec	CS42L43

Input

Type	Keyboard, touchpad
Keyboard Backlight	Yes
Features	Copilot key

AC Adapter

Input	AC 100-240 V (50/60 Hz)
Output	65 Watt, 5/9/15/20 V

Connections & Expansion

Interfaces Details	HDMI ¦ 2 x USB4 (supports Thunderbolt 4, DisplayPort 2.1 Alt Mode) (Power Delivery) ¦ USB 3.2 Gen 1 (PowerShare) ¦ USB 3.2 Gen 1 ¦ Headphone/microphone combo jack ¦ LAN (RJ-45)

Sustainability Information

EPEAT Compliant	EPEAT Gold
EPEAT Climate+	Yes
ENERGY STAR Certified	Yes
Carbon Footprint	108 kg carbon emissions
Manufacturing (kg CO2e)	77
Logistics (kg CO2e)	4
Use (kg CO2e)	24
EOL (kg CO2e)	2
Total Carbon w/o Use Phase (kg CO2e)	84
PAIA Version	GaBi version 1

Neural Processor Unit (NPU)

Neural Processor Unit (NPU)	Intel AI Boost
NPU Performance Up To (TOPS)	12 TOPS
AI Datatype Support on NPU	INT8
Sparsity Support	Yes
AI Software Frameworks Supported by NPU	DirectML, OpenVINO, WindowsML, ONNX RT
Windows Studio Effects Support	Yes

What's in the box

Dell Pro 14 Plus PB14250
USB-C power adapter, POD Label

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