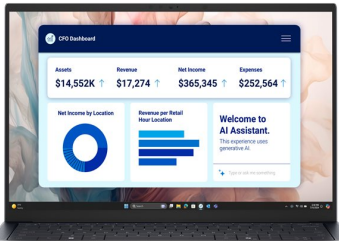


Dell Pro 14 Premium PA14250(RRDPN)

Dell Pro 14 Premium PA14250 - Intel Core Ultra 7 - 266V / up to 5 GHz - Intel Evo vPro Enterprise Platform - Win 11 Pro - Intel Arc Graphics 140V - 16 GB RAM - 512 GB SSD NVMe, TLC, Class 35 - 14" IPS 1920 x 1200 (Full HD Plus) - Wi-Fi 7 - magnetite - BTS - with 3 Years ProSupport



The Dell Pro 14 Premium PA14250 is designed to enhance productivity and user experience with powerful specifications and advanced features. It features a stunning 14-inch Full HD Plus display, providing vibrant visuals with a native resolution of 1920 x 1200 and an impressive brightness of 400 cd/m². The IPS technology and wide viewing angles ensure comfortable viewing from various positions. Equipped with a responsive keyboard and a collaboration touchpad, this notebook accommodates seamless navigation and efficient multitasking. The dual noise-canceling microphones and high-quality speakers, compliant with Wave MAXXAUDIO Pro, provide audio clarity for calls and media playback.

Engineered for performance, this notebook utilizes an Intel Core Ultra 7 processor with 8 cores for multitasking efficiency, supported by 32 GB of LPDDR5X SDRAM for fast speeds. The 512 GB SSD with NVMe interface provides quick data access and storage, while security features like a fingerprint reader and TPM 2.0 ensure protection for your data. With connectivity options including USB4 and Wi-Fi 7, the Dell Pro 14 Premium PA14250 is built to keep users connected and productive without compromise.

Key Selling Points

- 14-inch Full HD Plus display with 1920 x 1200 resolution
- Powerful Intel Core Ultra 7 processor with 8 cores
- 512 GB SSD for fast storage and quick data access
- Comprehensive audio with dual noise-canceling microphones
- Advanced security features including fingerprint reader

Product Features

Vibrant display

The 14-inch display with a native resolution of 1920 x 1200 offers vibrant colors and clear visuals, making it ideal for both work and entertainment.

Robust performance

Powered by an Intel Core Ultra 7 processor, this notebook ensures robust performance suitable for multitasking and demanding applications.

Ample storage

With 512 GB of SSD storage, users can enjoy ample space for applications and files while benefiting from fast boot and load times.

Intelligent audio

Equipped with dual noise-canceling microphones and high-quality speakers, this device enhances audio clarity for an improved communication experience.

Enhanced security

Incorporating security measures such as a fingerprint reader and a Trusted Platform Module, the notebook safeguards sensitive data effectively.

Main Specifications

|                             |                                                                                                                             |
|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| Product Description         | Dell Pro 14 Premium PA14250 - 14" - Intel Core Ultra 7 - 266V - Intel Evo vPro Enterprise Platform - 16 GB RAM - 512 GB SSD |
| Product Type                | Notebook                                                                                                                    |
| Operating System            | Win 11 Pro                                                                                                                  |
| Platform Technology         | Intel Evo vPro Enterprise Platform                                                                                          |
| Processor                   | Intel Core Ultra 7 (Series 2) - 266V / 2.2 GHz, up to 5 GHz / 12 MB Cache                                                   |
| Neural Processor Unit (NPU) | Intel AI Boost - up to 48 TOPS                                                                                              |
| Memory                      | 16 GB LPDDR5X (provided memory is soldered)                                                                                 |
| Storage                     | 512 GB SSD - NVMe, TLC, Class 35                                                                                            |
| Display                     | 14" 1920 x 1200 / Full HD Plus @ 60 Hz - 162 ppi                                                                            |

|                              |                                                                              |
|------------------------------|------------------------------------------------------------------------------|
| Graphics                     | Intel Arc Graphics 140V - up to 66 TOPS                                      |
| Keyboard Backlight           | Yes                                                                          |
| Integrated Webcam            | Yes                                                                          |
| Copilot+ PC                  | Yes                                                                          |
| Networking                   | Bluetooth, 802.11a/b/g/n/ac/ax/be                                            |
| Battery                      | 3-cell                                                                       |
| Features                     | Accelerometer, ambient light sensor, hall sensor                             |
| Security                     | Discrete Trusted Platform Module (TPM 2.0) Security Chip, fingerprint reader |
| Colour                       | Magnetite                                                                    |
| Dimensions (WxDxH)           | 31.12 cm x 21.67 cm x 1.795 cm                                               |
| Weight                       | 1.14 kg                                                                      |
| Pricing Type                 | Build To Stock (BTS)                                                         |
| Manufacturer Selling Program | Dell Smart Selection                                                         |
| Environmental Standards      | ENERGY STAR Qualified EPEAT Gold                                             |
| Carbon Footprint             | 104 kg carbon emissions                                                      |
| Bundled Services             | 3 Years ProSupport                                                           |

Extended Specification

General

|                  |                |
|------------------|----------------|
| Product Type     | Notebook       |
| Operating System | Windows 11 Pro |

Memory

|             |                                     |
|-------------|-------------------------------------|
| RAM         | 16 GB (provided memory is soldered) |
| Technology  | LPDDR5X SDRAM                       |
| Speed       | 8533 MT/s                           |
| Rated Speed | 8533 MT/s                           |

Manufacturer Warranty

|                  |                    |
|------------------|--------------------|
| Bundled Services | 3 Years ProSupport |
|------------------|--------------------|

Storage

|              |                                                                                       |
|--------------|---------------------------------------------------------------------------------------|
| Main Storage | 512 GB SSD M.2 2230 PCIe 4.0 - NVMe Express (NVMe), triple-level cell (TLC), Class 35 |
|--------------|---------------------------------------------------------------------------------------|

Miscellaneous

|                              |                                                                              |
|------------------------------|------------------------------------------------------------------------------|
| Colour                       | Magnetite                                                                    |
| Case Material                | 90% recycled magnesium                                                       |
| Integrated Options           | Accelerometer, ambient light sensor, hall sensor                             |
| Security                     | Discrete Trusted Platform Module (TPM 2.0) Security Chip, fingerprint reader |
| Features                     | ExpressCharge, ExpressChargeBoost, dual cooling fan                          |
| Theft/Intrusion Protection   | Security lock slot (cable lock sold separately)                              |
| Security Slot Type           | Wedge-shaped security slot                                                   |
| Included Accessories         | USB-C power adapter                                                          |
| 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, Intel Connectivity Performance Suite, Dell Additional Softwares |
| Copilot+ PC       | Yes                                                                                                             |

**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         | 400 cd/m²                                                                                                  |
| Horizontal Viewing Angle | +85 / -85                                                                                                  |
| Vertical Viewing Angle   | +85 / -85                                                                                                  |
| Colour Gamut             | 100% sRGB                                                                                                  |
| Features                 | Anti-glare, Wide Viewing Angle, 35 ms response rate, Low Power, 0.15 mm pixel pitch, Dell ComfortView Plus |

**Battery**

|            |                    |
|------------|--------------------|
| Technology | 3-cell Lithium Ion |
| Weight     | 215 g              |
| Capacity   | 60 Wh              |

**Communications**

|                     |                                   |
|---------------------|-----------------------------------|
| Wireless            | Bluetooth, 802.11a/b/g/n/ac/ax/be |
| Wireless Controller | Intel WI-FI 7 BE201               |
| Features            | Dual stream (2x2)                 |

**Dimensions & Weight**

|                    |                                |
|--------------------|--------------------------------|
| Dimensions (WxDxH) | 31.12 cm x 21.67 cm x 1.795 cm |
| Weight             | 1.14 kg                        |

**Processor / Chipset**

|                     |                                              |
|---------------------|----------------------------------------------|
| CPU                 | Intel Core Ultra 7 (Series 2) 266V / 2.2 GHz |
| Max Turbo Speed     | 5 GHz                                        |
| Number of Cores     | 8-core                                       |
| Performance Cores   | 4                                            |
| Efficient Cores     | 4                                            |
| Cache               | 12 MB                                        |
| Platform Technology | Intel Evo vPro Enterprise Platform           |
| Features            | 8 Threads                                    |

Audio & Video

|                     |                                                                                                                                                         |
|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| Graphics Processor  | Intel Arc Graphics 140V - up to 66 TOPS                                                                                                                 |
| Camera              | Yes                                                                                                                                                     |
| Resolution          | 8 Megapixel (standard), 0.23 Megapixel (infrared)                                                                                                       |
| Image Sensor Type   | CMOS                                                                                                                                                    |
| Video Resolutions   | 2560 x 1440                                                                                                                                             |
| Frame Rate          | 30 frames per second                                                                                                                                    |
| Camera Features     | Face recognition, IR camera, IR presence detection camera, RGB camera, Temporal Noise Reduction, 86.6 degrees (IR camera), camera shutter, 88.1 degrees |
| Sound               | Four speakers, dual noise-cancelling microphones                                                                                                        |
| Compliant Standards | Wave MAXXAudio Pro                                                                                                                                      |
| Audio Features      | Output: MaxxAudio Pro, Smart Amplifier (AMP)                                                                                                            |

Input

|                    |                                                                              |
|--------------------|------------------------------------------------------------------------------|
| Type               | Keyboard, touchpad                                                           |
| Keyboard Backlight | Yes                                                                          |
| Features           | Collaboration touchpad, mini LED backlit, zero-lattice keyboard, Copilot key |

AC Adapter

|        |                           |
|--------|---------------------------|
| Input  | AC 100-240 V (50/60 Hz)   |
| Output | 65 Watt, 5/9/15/20 V, 3 A |

Connections & Expansion

|                    |                                                                                                                                                    |
|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| Interfaces Details | HDMI ¦ 2 x USB4 (supports Thunderbolt 4, DisplayPort 1.4 Alt Mode) (Power Delivery) ¦ USB 3.2 Gen 1 (PowerShare) ¦ Headphone/microphone combo jack |
|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|

Sustainability Information

|                                      |                         |
|--------------------------------------|-------------------------|
| EPEAT Compliant                      | EPEAT Gold              |
| ENERGY STAR Certified                | Yes                     |
| Carbon Footprint                     | 104 kg carbon emissions |
| Manufacturing (kg CO2e)              | 75                      |
| Logistics (kg CO2e)                  | 4                       |
| Use (kg CO2e)                        | 23                      |
| EOL (kg CO2e)                        | 2                       |
| Total Carbon w/o Use Phase (kg CO2e) | 81                      |

Neural Processor Unit (NPU)

|                                          |                                               |
|------------------------------------------|-----------------------------------------------|
| Neural Processor Unit (NPU)              | Intel AI Boost                                |
| NPU Performance Up To (TOPS)             | 48 TOPS                                       |
| Total Processor Performance Up To (TOPS) | 118 TOPS                                      |
| AI Datatype Support on NPU               | INT8                                          |
| Sparsity Support                         | Yes                                           |
| AI Software Frameworks Supported by NPU  | DirectML, OpenVINO, WebNN, WindowsML, ONNX RT |
| Windows Studio Effects Support           | Yes                                           |

## **What's in the box**

Dell Pro 14 Premium PA14250  
USB-C power adapter

\*TD SYNEX is not responsible for errors in the documentation of products.