



## DELL Pro 14 Plus PB14250 Intel Core Ultra 5 235U Laptop 35.6 cm (14") Full HD+ 16 GB DDR5-SDRAM 512 GB SSD Wi-Fi 6E (802.11ax) Windows 11 Pro German Aluminium

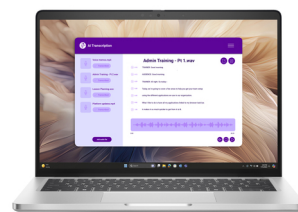
Brand : DELL

Product family: Pro

Product code: 82V2G

Product name : PB14250

DELL Pro 14 Plus PB14250. Product type: Laptop, Form factor: Clamshell. Processor family: Intel Core Ultra 5, Processor model: 235U. Display diagonal: 35.6 cm (14"), HD type: Full HD+, Display resolution: 1920 x 1200 pixels. Internal memory: 16 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 512 GB, Storage media: SSD. On-board graphics card model: Intel® Graphics. Mobile network generation: 4G. Operating system installed: Windows 11 Pro. Product colour: Aluminium



| Design                               |                             | Network                                           |                                                                    |
|--------------------------------------|-----------------------------|---------------------------------------------------|--------------------------------------------------------------------|
| Product type *                       | Laptop                      | Mobile network connection *                       | ✓                                                                  |
| Product colour *                     | Aluminium                   | Wi-Fi band                                        | Tri-band (2.4 GHz / 5 GHz / 6 GHz)                                 |
| Form factor *                        | Clamshell                   | Antenna type                                      | 2x2                                                                |
| Housing material                     | Aluminium                   | WLAN controller model                             | Intel Wi-Fi 6E AX211                                               |
| Intel® vPro™ Platform Eligibility    | ✓                           | WLAN controller manufacturer                      | Intel                                                              |
| Display                              |                             | Bluetooth                                         | ✓                                                                  |
| Display diagonal *                   | 35.6 cm (14")               | Near Field Communication (NFC)                    | ✓                                                                  |
| Display resolution *                 | 1920 x 1200 pixels          | WWAN                                              | Installed                                                          |
| Touchscreen *                        | ✗                           | WWAN controller                                   | 4G CAT12 - Qualcomm® Snapdragon™ X12 Global LTE-Advanced (DW5826e) |
| HD type                              | Full HD+                    | Ports & interfaces                                |                                                                    |
| Panel type                           | IPS                         | USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * | 2                                                                  |
| Native aspect ratio                  | 16:10                       | Ethernet LAN (RJ-45) ports                        | 1                                                                  |
| Anti-glare screen                    | ✓                           | HDMI ports quantity *                             | 1                                                                  |
| Display brightness                   | 300 cd/m²                   | HDMI version                                      | 2.1                                                                |
| Pixel density                        | 162 ppi                     | Thunderbolt 4 ports quantity                      | 2                                                                  |
| RGB colour space                     | NTSC                        | Intel® Thunderbolt 4                              | ✓                                                                  |
| Colour gamut                         | 45%                         | Combo headphone/mic port                          | ✓                                                                  |
| Maximum refresh rate                 | 60 Hz                       | USB Type-C DisplayPort Alternate Mode             | ✓                                                                  |
| Contrast ratio (typical)             | 600:1                       | PowerShare                                        | ✓                                                                  |
| Processor                            |                             | Number of USB ports with PowerShare support       | 1                                                                  |
| Processor manufacturer *             | Intel                       | Keyboard                                          |                                                                    |
| Processor family *                   | Intel Core Ultra 5          | Pointing device                                   | Touchpad                                                           |
| Processor generation                 | Intel Core Ultra (Series 2) | Numeric keypad *                                  | ✗                                                                  |
| Processor model *                    | 235U                        | Keyboard backlit                                  | ✓                                                                  |
| Processor cores                      | 12                          | Keyboard language                                 | German                                                             |
| Processor threads                    | 14                          | Copilot key                                       | ✓                                                                  |
| Processor boost frequency            | 4.9 GHz                     | Software                                          |                                                                    |
| Performance cores                    | 2                           | Operating system architecture                     | 64-bit                                                             |
| Efficient cores                      | 8                           |                                                   |                                                                    |
| Low Power Efficient-cores            | 2                           |                                                   |                                                                    |
| Performance-core Max Turbo Frequency | 4.9 GHz                     |                                                   |                                                                    |
| Efficient-core Max Turbo Frequency   | 4.1 GHz                     |                                                   |                                                                    |

| Processor                                    |                                         | Software                                     |                                                                 |
|----------------------------------------------|-----------------------------------------|----------------------------------------------|-----------------------------------------------------------------|
| Low Power Efficient-core Max Turbo Frequency | 2.4 GHz                                 | Trial software                               | Activate Your Microsoft 365 For A 30 Day Trial                  |
| Performance-core base frequency              | 2 GHz                                   | Operating system installed *                 | Windows 11 Pro                                                  |
| Efficient-core base frequency                | 1.6 GHz                                 | <b>Brand-specific features</b>               |                                                                 |
| Low Power Efficient-core Base Frequency      | 700 MHz                                 | Brand specific technologies                  | Control Vault 3+, Express Charge Boost capable, TNR, HDR Camera |
| Processor cache                              | 12 MB                                   | <b>Battery</b>                               |                                                                 |
| Processor base power                         | 15 W                                    | Number of battery cells                      | 3                                                               |
| Maximum turbo power                          | 57 W                                    | Battery capacity *                           | 55 Wh                                                           |
| <b>Neural processor unit (NPU)</b>           |                                         | Battery voltage                              | 11.7 V                                                          |
| Neural processor unit (NPU)                  | Intel AI Boost                          | Battery recharge time                        | 4 h                                                             |
| Sparsity support                             | ✓                                       | Fast charging                                | ✓                                                               |
| Windows Studio effects support               | ✓                                       | Battery charge indicator                     | ✓                                                               |
| AI software frameworks supported by NPU      | DirectML, ONNX RT, OpenVINO, Windows ML | Battery weight                               | 220 g                                                           |
| NPU performance up to                        | 12 TOPs                                 | <b>Power</b>                                 |                                                                 |
| <b>Memory</b>                                |                                         | AC adapter frequency                         | 50 - 60 Hz                                                      |
| Internal memory *                            | 16 GB                                   | AC adapter input voltage                     | 100 - 240 V                                                     |
| Internal memory type                         | DDR5-SDRAM                              | USB Type-C charging port *                   | ✓                                                               |
| Memory form factor                           | SO-DIMM                                 | USB Type-C required charging power (min) *   | 27 W                                                            |
| Memory layout (slots x size)                 | 1 x 16 GB                               | USB Type-C required charging power (max) *   | 72 W                                                            |
| Memory slots                                 | 2x SO-DIMM                              | USB Power Delivery (USB PD)                  | ✓                                                               |
| Maximum internal memory *                    | 64 GB                                   | USB charging voltage                         | 5,9,15,20 V                                                     |
| Memory data transfer rate                    | 5600 MT/s                               | <b>Security</b>                              |                                                                 |
| <b>Storage</b>                               |                                         | Cable lock slot                              | ✓                                                               |
| Total storage capacity *                     | 512 GB                                  | Cable lock slot type                         | Wedge                                                           |
| Storage media *                              | SSD                                     | Fingerprint reader                           | ✓                                                               |
| Total SSDs capacity                          | 512 GB                                  | Smart card reader                            | ✓                                                               |
| Number of SSDs installed                     | 1                                       | Face recognition                             | ✓                                                               |
| SSD capacity                                 | 512 GB                                  | Trusted Platform Module (TPM)                | ✓                                                               |
| SSD interface                                | PCI Express 4.0                         | Trusted Platform Module (TPM) version        | 2.0                                                             |
| NVMe                                         | ✓                                       | <b>Operational conditions</b>                |                                                                 |
| SSD form factor                              | M.2                                     | Operating temperature (T-T)                  | 0 - 35 °C                                                       |
| Optical drive type *                         | ✗                                       | Storage temperature (T-T)                    | -40 - 65 °C                                                     |
| <b>Graphics</b>                              |                                         | Operating relative humidity (H-H)            | 10 - 90%                                                        |
| Discrete graphics card model *               | Not available                           | Storage relative humidity (H-H)              | 0 - 95%                                                         |
| On-board graphics card *                     | ✓                                       | Operating altitude                           | -15.2 - 3048 m                                                  |
| On-board GPU manufacturer                    | Intel                                   | Non-operating altitude                       | -15.2 - 10668 m                                                 |
| Discrete graphics card *                     | ✗                                       | Operating shock                              | 110 G                                                           |
| On-board graphics card family                | Intel® Graphics                         | Non-operating shock                          | 160 G                                                           |
| On-board graphics card model *               | Intel® Graphics                         | Operating vibration                          | 0.66 G                                                          |
| <b>Audio</b>                                 |                                         | Non-operating vibration                      | 1.3 G                                                           |
| Audio chip                                   | Cirrus Logic CS42L43                    | <b>Weight &amp; dimensions</b>               |                                                                 |
| Number of built-in speakers                  | 2                                       | Width                                        | 224 mm                                                          |
| Speaker power                                | 2.5 W                                   | Depth                                        | 313.5 mm                                                        |
| Built-in microphone                          | ✓                                       | Height                                       | 21.2 mm                                                         |
| Number of microphones                        | 2                                       | Height (front)                               | 1.95 cm                                                         |
| <b>Camera</b>                                |                                         | Height (rear)                                | 2 cm                                                            |
| Front camera                                 | ✓                                       | Weight *                                     | 1.53 kg                                                         |
| Front camera resolution (numeric)            | 2.07 MP                                 | <b>Carbon footprint</b>                      |                                                                 |
| Front camera resolution                      | 1920 x 1080 pixels                      | Total carbon footprint (kg of CO2e)          | 104                                                             |
| Front camera HD type                         | Full HD                                 | Carbon emissions, manufacturing (kg of CO2e) | 76.44                                                           |
| Video capturing speed                        | 30 fps                                  | Carbon emissions, logistics (kg of CO2e)     | 4.472                                                           |
| Infrared (IR) camera                         | ✓                                       |                                              |                                                                 |
| Privacy camera                               | ✓                                       |                                              |                                                                 |
| Privacy type                                 | Privacy shutter                         |                                              |                                                                 |

| Network                   |                                                                              | Carbon footprint                            |                      |
|---------------------------|------------------------------------------------------------------------------|---------------------------------------------|----------------------|
| Mobile network generation | 4G                                                                           | Carbon emissions, energy usage (kg of CO2e) | 21.112               |
| 4G standard               | LTE-A                                                                        | Carbon emissions, end-of-life (kg of CO2e)  | 1.976                |
| Top Wi-Fi standard *      | Wi-Fi 6E (802.11ax)                                                          | PAIA version                                | GaBi version 1, 2024 |
| Wi-Fi standards           | Wi-Fi 5 (802.11ac), 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 6E (802.11ax) | Packaging content                           |                      |
|                           |                                                                              | AC adapter included *                       | ✗                    |
|                           |                                                                              | Other features                              |                      |
|                           |                                                                              | SIM card type                               | eSIM                 |



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### Catalog Object Cloud



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