



## DELL Pro 14 Essential PV14255 AMD Ryzen™ 7 250 Laptop 35.6 cm (14") Full HD+ 16 GB DDR5-SDRAM 512 GB SSD Wi-Fi 6 (802.11ax) Windows 11 Pro German Black

Brand : DELL

Product family: Pro

Product code: 8DKMX

Product name : PV14255

DELL Pro 14 Essential PV14255. Product type: Laptop, Form factor: Clamshell. Processor family: AMD Ryzen™ 7, Processor model: 250, Processor frequency: 3.3 GHz. 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: AMD Radeon 780M. Operating system installed: Windows 11 Pro. Product colour: Black



| Design                            |                      | Network                                           |                                                                                      |
|-----------------------------------|----------------------|---------------------------------------------------|--------------------------------------------------------------------------------------|
| Product type *                    | Laptop               | Wi-Fi standards                                   | 802.11a, Wi-Fi 5 (802.11ac), 802.11b, Wi-Fi 6 (802.11ax), 802.11g, Wi-Fi 4 (802.11n) |
| Product colour *                  | Black                | Mobile network connection *                       | ✗                                                                                    |
| Form factor *                     | Clamshell            | Antenna type                                      | 2x2                                                                                  |
| Housing material                  | Plastic              | WLAN controller model                             | Realtek RTL8852BE                                                                    |
| Certified refurbished             | ✗                    | WLAN controller manufacturer                      | Realtek                                                                              |
| Display                           |                      | Bluetooth                                         | ✓                                                                                    |
| Display diagonal *                | 35.6 cm (14")        | MIMO                                              | ✓                                                                                    |
| Display resolution *              | 1920 x 1200 pixels   | MIMO type                                         | Multi User MIMO                                                                      |
| Touchscreen *                     | ✗                    | Ports & interfaces                                |                                                                                      |
| HD type                           | Full HD+             | USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * | 2                                                                                    |
| Panel type                        | IPS WVA              | USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity   | 1                                                                                    |
| Display technology marketing name | ComfortView          | HDMI ports quantity *                             | 1                                                                                    |
| Native aspect ratio               | 16:10                | HDMI version                                      | 1.4                                                                                  |
| Anti-glare screen                 | ✓                    | Combo headphone/mic port                          | ✓                                                                                    |
| Display brightness                | 300 cd/m²            | Power adapter barrel connector                    | 4.5 mm                                                                               |
| Pixel density                     | 162 ppi              | USB Type-C DisplayPort Alternate Mode             | ✓                                                                                    |
| RGB colour space                  | NTSC                 | Keyboard                                          |                                                                                      |
| Colour gamut                      | 45%                  | Pointing device                                   | Touchpad                                                                             |
| Display response rise/fall        | 35 ms                | Numeric keypad *                                  | ✗                                                                                    |
| Maximum refresh rate              | 60 Hz                | Keyboard backlit                                  | ✓                                                                                    |
| Contrast ratio (typical)          | 800:1                | Keyboard language                                 | German                                                                               |
| Processor                         |                      | Copilot key                                       | ✓                                                                                    |
| Processor manufacturer *          | AMD                  | Software                                          |                                                                                      |
| Processor family *                | AMD Ryzen™ 7         | Operating system architecture                     | 64-bit                                                                               |
| Processor generation              | AMD Ryzen 200 Series | Trial software                                    | Activate Your Microsoft 365 For A 30 Day Trial                                       |
| Processor model *                 | 250                  | Operating system installed *                      | Windows 11 Pro                                                                       |
| Processor cores                   | 8                    |                                                   |                                                                                      |
| Processor threads                 | 16                   |                                                   |                                                                                      |
| Processor boost frequency         | 5.1 GHz              |                                                   |                                                                                      |
| Processor frequency *             | 3.3 GHz              |                                                   |                                                                                      |
| Processor cache type              | L2 & L3              |                                                   |                                                                                      |
| L3 cache                          | 16 MB                |                                                   |                                                                                      |

| Processor                         |                       | Software                                     |                                                             |
|-----------------------------------|-----------------------|----------------------------------------------|-------------------------------------------------------------|
| L2 cache                          | 8 MB                  | Bundled software                             | McAfee Business Protection 1-year System Driver for Windows |
| Processor base power              | 15 W                  |                                              |                                                             |
| Maximum turbo power               | 30 W                  |                                              |                                                             |
| Neural processor unit (NPU)       |                       | Battery                                      |                                                             |
| Neural processor unit (NPU)       | AMD Ryzen AI          | Battery technology                           | Lithium Polymer (LiPo)                                      |
| Total processor performance up to | 38 TOPs               | Number of battery cells                      | 4                                                           |
| NPU performance up to             | 16 TOPs               | Battery capacity *                           | 54 Wh                                                       |
| Memory                            |                       | Battery voltage                              | 15 V                                                        |
| Internal memory *                 | 16 GB                 | Battery recharge time                        | 3 h                                                         |
| Internal memory type              | DDR5-SDRAM            | Fast charging                                | ✓                                                           |
| Memory form factor                | SO-DIMM               | Battery charge indicator                     | ✓                                                           |
| Memory layout (slots x size)      | 1 x 16 GB             | Battery weight                               | 240 g                                                       |
| Memory slots                      | 2x SO-DIMM            | Power                                        |                                                             |
| Maximum internal memory *         | 32 GB                 | DC-in jack                                   | ✓                                                           |
| Memory data transfer rate         | 5600 MT/s             | USB Type-C charging port *                   | ✓                                                           |
| Storage                           |                       | USB Type-C required charging power (min) *   | 45 W                                                        |
| Total storage capacity *          | 512 GB                | USB Type-C required charging power (max) *   | 60 W                                                        |
| Storage media *                   | SSD                   | USB Power Delivery (USB PD)                  | ✓                                                           |
| Total SSDs capacity               | 512 GB                | Security                                     |                                                             |
| Number of SSDs installed          | 1                     | Cable lock slot                              | ✓                                                           |
| SSD capacity                      | 512 GB                | Cable lock slot type                         | Wedge                                                       |
| SSD interface                     | PCI Express 4.0       | Fingerprint reader                           | ✓                                                           |
| NVMe                              | ✓                     | Trusted Platform Module (TPM)                | ✓                                                           |
| SSD form factor                   | M.2                   | Operational conditions                       |                                                             |
| M.2 SSD size                      | 2230 (22 x 30 mm)     | Operating temperature (T-T)                  | 0 - 40 °C                                                   |
| Optical drive type *              | ✗                     | Storage temperature (T-T)                    | -40 - 65 °C                                                 |
| Card reader integrated            | ✓                     | Operating relative humidity (H-H)            | 0 - 90%                                                     |
| Compatible memory cards           | SD, SDHC, SDXC        | Storage relative humidity (H-H)              | 0 - 95%                                                     |
| Graphics                          |                       | Non-operating shock                          | 140 G                                                       |
| Discrete graphics card model *    | Not available         | Operating vibration                          | 0.66 G                                                      |
| On-board graphics card *          | ✓                     | Weight & dimensions                          |                                                             |
| On-board GPU manufacturer         | AMD                   | Width                                        | 314 mm                                                      |
| Discrete graphics card *          | ✗                     | Depth                                        | 226.2 mm                                                    |
| On-board graphics card family     | AMD Radeon            | Height                                       | 19.9 mm                                                     |
| On-board graphics card model *    | AMD Radeon 780M       | Height (front)                               | 1.69 cm                                                     |
| Audio                             |                       | Height (rear)                                | 1.81 cm                                                     |
| Audio chip                        | Realtek ALC3204       | Carbon footprint                             |                                                             |
| Audio system                      | High Definition Audio | Total carbon footprint (kg of CO2e)          | 96.8                                                        |
| Number of built-in speakers       | 2                     | Carbon emissions, manufacturing (kg of CO2e) | 73.6648                                                     |
| Speaker power                     | 2.5 W                 | Carbon emissions, logistics (kg of CO2e)     | 2.904                                                       |
| Built-in microphone               | ✓                     | Carbon emissions, energy usage (kg of CO2e)  | 18.9728                                                     |
| Camera                            |                       | Carbon emissions, end-of-life (kg of CO2e)   | 1.2584                                                      |
| Front camera                      | ✓                     | PAIA version                                 | GaBi version 1, 2025                                        |
| Front camera resolution (numeric) | 0.92 MP               | Packaging content                            |                                                             |
| Front camera resolution           | 1280 x 720 pixels     | AC adapter included *                        | ✗                                                           |
| Front camera HD type              | HD                    |                                              |                                                             |
| Video capturing speed             | 30 fps                |                                              |                                                             |
| Network                           |                       |                                              |                                                             |
| Top Wi-Fi standard *              | Wi-Fi 6 (802.11ax)    |                                              |                                                             |



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