



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

Brand : DELL

Product family: Pro

Product code: FTR0V

Product name : PV14255

DELL Pro 14 Essential PV14255. Product type: Laptop, Form factor: Clamshell. Processor family: AMD Ryzen™ 7 PRO, 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               | WLAN controller manufacturer                      | Realtek                                                     |
| Product colour *                  | Black                | Bluetooth                                         | ✓                                                           |
| Form factor *                     | Clamshell            | MIMO                                              | ✓                                                           |
| Housing material                  | Plastic              | MIMO type                                         | Multi User MIMO                                             |
| Display                           |                      | Ports & interfaces                                |                                                             |
| Display diagonal *                | 35.6 cm (14")        | USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * | 2                                                           |
| Display resolution *              | 1920 x 1200 pixels   | USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity   | 1                                                           |
| Touchscreen *                     | ✗                    | HDMI ports quantity *                             | 1                                                           |
| HD type                           | Full HD+             | HDMI version                                      | 1.4                                                         |
| Panel type                        | IPS WVA              | Combo headphone/mic port                          | ✓                                                           |
| Display technology marketing name | ComfortView          | Power adapter barrel connector                    | 4.5 mm                                                      |
| Native aspect ratio               | 16:10                | USB Type-C DisplayPort Alternate Mode             | ✓                                                           |
| Anti-glare screen                 | ✓                    | Keyboard                                          |                                                             |
| Display brightness                | 300 cd/m²            | Pointing device                                   | Touchpad                                                    |
| Pixel density                     | 162 ppi              | Numeric keypad *                                  | ✗                                                           |
| RGB colour space                  | NTSC                 | Keyboard backlit                                  | ✓                                                           |
| Colour gamut                      | 45%                  | Keyboard language                                 | Czech, Slovakian                                            |
| Display response rise/fall        | 35 ms                | Copilot key                                       | ✓                                                           |
| Maximum refresh rate              | 60 Hz                | Software                                          |                                                             |
| Contrast ratio (typical)          | 800:1                | Operating system architecture                     | 64-bit                                                      |
| Processor                         |                      | Trial software                                    | Activate Your Microsoft 365 For A 30 Day Trial              |
| Processor manufacturer *          | AMD                  | Operating system installed *                      | Windows 11 Pro                                              |
| Processor family *                | AMD Ryzen™ 7 PRO     | Bundled software                                  | McAfee Business Protection 1-year System Driver for Windows |
| Processor generation              | AMD Ryzen 200 Series | Battery                                           |                                                             |
| Processor model *                 | 250                  | Battery technology                                | Lithium Polymer (LiPo)                                      |
| Processor cores                   | 8                    | Number of battery cells                           | 4                                                           |
| Processor threads                 | 16                   | Battery capacity *                                | 54 Wh                                                       |
| Processor boost frequency         | 5.1 GHz              |                                                   |                                                             |
| Processor frequency *             | 3.3 GHz              |                                                   |                                                             |
| L3 cache                          | 16 MB                |                                                   |                                                             |
| L2 cache                          | 8 MB                 |                                                   |                                                             |
| Processor base power              | 15 W                 |                                                   |                                                             |

| Processor                         |                                                                                      | Battery                                      |                      |
|-----------------------------------|--------------------------------------------------------------------------------------|----------------------------------------------|----------------------|
| Maximum turbo power               | 30 W                                                                                 | Battery voltage                              | 15 V                 |
| Neural processor unit (NPU)       |                                                                                      | Battery recharge time                        | 3 h                  |
| Neural processor unit (NPU)       | AMD Ryzen AI                                                                         | Fast charging                                | ✓                    |
| Total processor performance up to | 38 TOPs                                                                              | Battery charge indicator                     | ✓                    |
| NPU performance up to             | 16 TOPs                                                                              | Battery weight                               | 240 g                |
| Memory                            |                                                                                      | Power                                        |                      |
| Internal memory *                 | 16 GB                                                                                | AC adapter power                             | 65 W                 |
| Internal memory type              | DDR5-SDRAM                                                                           | AC adapter frequency                         | 50 - 60 Hz           |
| Memory form factor                | SO-DIMM                                                                              | AC adapter input voltage                     | 100 - 240 V          |
| Memory layout (slots x size)      | 1 x 16 GB                                                                            | AC adapter output current                    | 3.34 A               |
| Memory slots                      | 2x SO-DIMM                                                                           | AC adapter output voltage                    | 19.5 V               |
| 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) | 73.66                |
| Speaker power                     | 2.5 W                                                                                | Carbon emissions, logistics (kg of CO2e)     | 2.9                  |
| Built-in microphone               | ✓                                                                                    | Carbon emissions, energy usage (kg of CO2e)  | 18.97                |
| Camera                            |                                                                                      | Carbon emissions, end-of-life (kg of CO2e)   | 1.26                 |
| 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                                                                                   | Cables included                              | AC                   |
| Video capturing speed             | 30 fps                                                                               |                                              |                      |
| Network                           |                                                                                      |                                              |                      |
| Top Wi-Fi standard *              | Wi-Fi 6 (802.11ax)                                                                   |                                              |                      |
| Wi-Fi standards                   | 802.11a, Wi-Fi 5 (802.11ac), 802.11b, Wi-Fi 6 (802.11ax), 802.11g, Wi-Fi 4 (802.11n) |                                              |                      |
| Mobile network connection *       | ✗                                                                                    |                                              |                      |
| Antenna type                      | 2x2                                                                                  |                                              |                      |
| WLAN controller model             | Realtek RTL8852BE                                                                    |                                              |                      |



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## Catalog Object Cloud



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