



## DELL Pro 14 Plus PB14255 AMD Ryzen™ 5 PRO 230 Laptop 35.6 cm (14") Full HD+ 32 GB LPDDR5x-SDRAM 1 TB SSD Wi-Fi 7 (802.11be) Windows 11 Pro Aluminium

**Brand :** DELL

**Product family:** Pro

**Product code:**  
BTO506\_PB14255\_EMEA

**Product name :** PB14255

DELL Pro 14 Plus PB14255. Product type: Laptop, Form factor: Clamshell. Processor family: AMD Ryzen™ 5 PRO, Processor model: 230, Processor frequency: 3.5 GHz. Display diagonal: 35.6 cm (14"), HD type: Full HD+, Display resolution: 1920 x 1200 pixels. Internal memory: 32 GB, Internal memory type: LPDDR5x-SDRAM. Total storage capacity: 1 TB, Storage media: SSD. On-board graphics card model: AMD Radeon 760M. Operating system installed: Windows 11 Pro. Product colour: Aluminium



| Design                    |                    | Network                                           |                                                           |
|---------------------------|--------------------|---------------------------------------------------|-----------------------------------------------------------|
| Product type *            | Laptop             | WLAN controller manufacturer                      | MediaTek                                                  |
| Product colour *          | Aluminium          | Bluetooth                                         | ✓                                                         |
| Form factor *             | Clamshell          | Ports & interfaces                                |                                                           |
| Housing material          | Aluminium          | USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * | 2                                                         |
| Display                   |                    | USB4 Gen 3x2 ports quantity                       | 2                                                         |
| Display diagonal *        | 35.6 cm (14")      | HDMI ports quantity *                             | 1                                                         |
| Display resolution *      | 1920 x 1200 pixels | HDMI version                                      | 2.1                                                       |
| Touchscreen *             | ✗                  | Combo headphone/mic port                          | ✓                                                         |
| HD type                   | Full HD+           | USB Type-C DisplayPort Alternate Mode             | ✓                                                         |
| Panel type                | WVA                | PowerShare                                        | ✓                                                         |
| Native aspect ratio       | 16:10              | Number of USB ports with PowerShare support       | 1                                                         |
| 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%                | Software                                          |                                                           |
| Maximum refresh rate      | 60 Hz              | Operating system architecture                     | 64-bit                                                    |
| Contrast ratio (typical)  | 800:1              | Trial software                                    | McAfee Business Protection 1-year, Microsoft Office Trial |
| Processor                 |                    | Operating system installed *                      | Windows 11 Pro                                            |
| Processor manufacturer *  | AMD                | Battery                                           |                                                           |
| Processor family *        | AMD Ryzen™ 5 PRO   | Number of battery cells                           | 3                                                         |
| Processor model *         | 230                | Battery capacity *                                | 55 Wh                                                     |
| Processor cores           | 6                  | Battery recharge time                             | 4 h                                                       |
| Processor threads         | 12                 | Fast charging                                     | ✓                                                         |
| Processor boost frequency | 4.9 GHz            | Battery charge indicator                          | ✓                                                         |
| Processor frequency *     | 3.5 GHz            |                                                   |                                                           |
| Processor cache           | 22 MB              |                                                   |                                                           |
| Processor cache type      | L2 & L3            |                                                   |                                                           |
| Processor base power      | 15 W               |                                                   |                                                           |
| Maximum turbo power       | 30 W               |                                                   |                                                           |

| Neural processor unit (NPU)       |                                                                                                           | Power                                        |                      |
|-----------------------------------|-----------------------------------------------------------------------------------------------------------|----------------------------------------------|----------------------|
| Neural processor unit (NPU)       | AMD Ryzen AI                                                                                              | AC adapter power                             | 65 W                 |
| Total processor performance up to | 31 TOPs                                                                                                   | AC adapter frequency                         | 50 - 60 Hz           |
| NPU performance up to             | 16 TOPs                                                                                                   | AC adapter input voltage                     | 100 - 240 V          |
| Memory                            |                                                                                                           | USB Type-C charging port *                   | ✓                    |
| Internal memory *                 | 32 GB                                                                                                     | USB Type-C required charging power (min) *   | 45 W                 |
| Internal memory type              | LPDDR5x-SDRAM                                                                                             | USB Type-C required charging power (max) *   | 65 W                 |
| Memory form factor                | On-board                                                                                                  | USB Power Delivery (USB PD)                  | ✓                    |
| Maximum internal memory *         | 32 GB                                                                                                     | USB charging voltage                         | 5,9,15,20 V          |
| Memory data transfer rate         | 7500 MT/s                                                                                                 | Security                                     |                      |
| Storage                           |                                                                                                           | Cable lock slot                              | ✓                    |
| Total storage capacity *          | 1 TB                                                                                                      | Cable lock slot type                         | Wedge                |
| Storage media *                   | SSD                                                                                                       | Fingerprint reader                           | ✓                    |
| Total SSDs capacity               | 1 TB                                                                                                      | Smart card reader                            | ✓                    |
| Number of SSDs installed          | 1                                                                                                         | Trusted Platform Module (TPM)                | ✓                    |
| SSD capacity                      | 1 TB                                                                                                      | Trusted Platform Module (TPM) version        | 2.0                  |
| SSD interface                     | PCI Express 4.0                                                                                           | Operational conditions                       |                      |
| NVMe                              | ✓                                                                                                         | Operating temperature (T-T)                  | 0 - 35 °C            |
| SSD form factor                   | M.2                                                                                                       | Storage temperature (T-T)                    | -40 - 65 °C          |
| Optical drive type *              | ✗                                                                                                         | Operating relative humidity (H-H)            | 10 - 90%             |
| Graphics                          |                                                                                                           | Storage relative humidity (H-H)              | 0 - 95%              |
| Discrete graphics card model *    | Not available                                                                                             | Operating altitude                           | -15.2 - 3048 m       |
| On-board graphics card *          | ✓                                                                                                         | Non-operating altitude                       | -15.2 - 10668 m      |
| Discrete graphics card *          | ✗                                                                                                         | Operating shock                              | 110 G                |
| On-board graphics card model *    | AMD Radeon 760M                                                                                           | Non-operating shock                          | 160 G                |
| Audio                             |                                                                                                           | Operating vibration                          | 0.66 G               |
| Audio chip                        | Realtek ALC3329                                                                                           | Non-operating vibration                      | 1.3 G                |
| Number of built-in speakers       | 2                                                                                                         | Weight & dimensions                          |                      |
| Speaker power                     | 2.5 W                                                                                                     | Width                                        | 313.5 mm             |
| Built-in microphone               | ✓                                                                                                         | Depth                                        | 224 mm               |
| Number of microphones             | 2                                                                                                         | Height                                       | 21.2 mm              |
| Camera                            |                                                                                                           | Weight *                                     | 1.56 kg              |
| Front camera                      | ✓                                                                                                         | Carbon footprint                             |                      |
| Front camera resolution (numeric) | 2.07 MP                                                                                                   | Total carbon footprint (kg of CO2e)          | 113                  |
| Front camera resolution           | 1920 x 1080 pixels                                                                                        | Carbon emissions, manufacturing (kg of CO2e) | 85.77                |
| Front camera HD type              | Full HD                                                                                                   | Carbon emissions, logistics (kg of CO2e)     | 4.52                 |
| Video capturing speed             | 30 fps                                                                                                    | Carbon emissions, energy usage (kg of CO2e)  | 20.68                |
| Infrared (IR) camera              | ✓                                                                                                         | Carbon emissions, end-of-life (kg of CO2e)   | 2.03                 |
| Privacy camera                    | ✓                                                                                                         | PAIA version                                 | GaBi version 1, 2024 |
| Privacy type                      | Privacy shutter                                                                                           | Packaging content                            |                      |
| Network                           |                                                                                                           | AC adapter included *                        | ✓                    |
| Top Wi-Fi standard *              | Wi-Fi 7 (802.11be)                                                                                        |                                              |                      |
| Wi-Fi standards                   | 802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6E (802.11ax), Wi-Fi 7 (802.11be) |                                              |                      |
| Mobile network connection *       | ✗                                                                                                         |                                              |                      |
| Wi-Fi band                        | Tri-band (2.4 GHz / 5 GHz / 6 GHz)                                                                        |                                              |                      |
| Wi-Fi data rate (max)             | 2882 Mbit/s                                                                                               |                                              |                      |
| Antenna type                      | 2x2                                                                                                       |                                              |                      |
| WLAN controller model             | MediaTek MT7925                                                                                           |                                              |                      |

## Catalog Object Cloud



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