



## DELL Pro 16 Plus PB16250 Intel Core Ultra 7 268V Laptop 40.6 cm (16") Full HD+ 32 GB LPDDR5x-SDRAM 512 GB SSD Wi-Fi 7 (802.11be) Windows 11 Pro Aluminium

Brand : DELL

Product family: Pro

Product code: 047C9

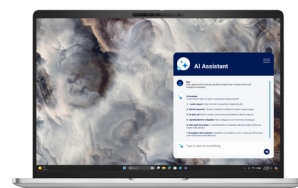
Product name : PB16250

- Windows 11 Pro 64-bit  
- Intel Core Ultra 7 268V (12MB Cache)  
- 40.6 cm (16") Full HD+ 1920 x 1200 IPS  
- 32GB LPDDR5x-SDRAM & 512GB SSD  
Intel Core Ultra 7 268V (12MB Cache), 32GB LPDDR5x-SDRAM, 512GB SSD, 40.6 cm (16") Full HD+ 1920 x 1200 IPS, Intel Arc Graphics 140V, WLAN, Webcam, Windows 11 Pro 64-bit

DELL Pro 16 Plus PB16250 Intel Core Ultra 7 268V Laptop 40.6 cm (16") Full HD+ 32 GB LPDDR5x-SDRAM 512 GB SSD Wi-Fi 7 (802.11be) Windows 11 Pro Aluminium:

16-inch laptop designed with sleek aluminum and a variety of scalable configurations, such as Copilot+ PC options with a built-in AI chip powered by Intel® Core™ Ultra processors.

DELL Pro 16 Plus PB16250. Product type: Laptop, Form factor: Clamshell. Processor family: Intel Core Ultra 7, Processor model: 268V. Display diagonal: 40.6 cm (16"), HD type: Full HD+, Display resolution: 1920 x 1200 pixels. Internal memory: 32 GB, Internal memory type: LPDDR5x-SDRAM. Total storage capacity: 512 GB, Storage media: SSD. On-board graphics card model: Intel Arc Graphics 140V. Operating system installed: Windows 11 Pro. Product colour: Aluminium. Weight: 1.84 kg



| Design                                       |                             | Camera  |   |
|--|-----------------------------|---|---|
| Product type *                               | Laptop                      | Front camera                                      | ✓   |
| Product colour *                             | Aluminium                   | Front camera resolution (numeric)                 | 2.07 MP   |
| Form factor *                                | Clamshell                   | Front camera resolution                           | 1920 x 1080 pixels  |
| Housing material                             | Aluminium                   | Front camera HD type                              | Full HD   |
| Display                                      |                             | Video capturing speed                             | 30 fps  |
| Display diagonal *                           | 40.6 cm (16")               | Infrared (IR) camera                              | ✓   |
| Display resolution *                         | 1920 x 1200 pixels          | Network   |   |
| Touchscreen *                                | ✗                           | Top Wi-Fi standard *                              | Wi-Fi 7 (802.11be)  |
| HD type                                      | Full HD+                    | 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) |
| Panel type                                   | IPS                         | Mobile network connection *                       | ✗   |
| Native aspect ratio                          | 16:10                       | Wi-Fi band  | Tri-band (2.4 GHz / 5 GHz / 6 GHz)  |
| Anti-glare screen                            | ✓                           | Wi-Fi data rate (max)                             | 5760 Mbit/s   |
| Display brightness                           | 300 cd/m²                   | Antenna type                                      | 2x2   |
| Pixel density                                | 142 ppi                     | WLAN controller model                             | Intel Wi-Fi 7 BE201   |
| RGB colour space                             | NTSC                        | WLAN controller manufacturer                      | Intel   |
| Colour gamut                                 | 45%                         | Bluetooth   | ✓   |
| Maximum refresh rate                         | 60 Hz                       | Ports & interfaces                                |   |
| Contrast ratio (typical)                     | 1000:1                      | USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * | 2   |
| Processor                                    |                             | HDMI ports quantity *                             | 1   |
| Processor manufacturer *                     | Intel                       | HDMI version                                      | 2.1   |
| Processor family *                           | Intel Core Ultra 7          | Thunderbolt 4 ports quantity                      | 2   |
| Processor generation                         | Intel Core Ultra (Series 2) | Intel® Thunderbolt 4                              | ✓   |
| Processor model *                            | 268V                        | Combo headphone/mic port                          | ✓   |
| Processor cores                              | 8                           | USB Type-C DisplayPort Alternate Mode             | ✓   |
| Processor threads                            | 8                           | PowerShare  | ✓   |
| Processor boost frequency                    | 5 GHz                       | Number of USB ports with PowerShare support       | 1   |
| Performance cores                            | 4                           |   |   |
| Low Power Efficient-cores                    | 4                           |   |   |
| Performance-core Max Turbo Frequency         | 5 GHz                       |   |   |
| Low Power Efficient-core Max Turbo Frequency | 3.7 GHz                     |   |   |

| Processor                               |  | Keyboard                                   |                 |
|---|--|--|-----------------|
| Performance-core base frequency         | 2.2 GHz  | Pointing device                            | Touchpad        |
| Low Power Efficient-core Base Frequency | 2200 MHz                                       | Numeric keypad *                           | ✓               |
| Processor cache                         | 12 MB  | Keyboard backlit                           | ✓               |
| Processor cache type                    | Smart Cache                                    | Copilot key                                | ✓               |
| Processor base power                    | 17 W   | Software                                   |                 |
| Maximum turbo power                     | 37 W   | Operating system architecture              | 64-bit          |
| Neural processor unit (NPU)             |  | Operating system installed *               | Windows 11 Pro  |
| Neural processor unit (NPU)             | Intel AI Boost                                 | Battery                                    |                 |
| Sparsity support                        | ✓  | Number of battery cells                    | 3               |
| Windows Studio effects support          | ✓  | Battery capacity *                         | 55 Wh           |
| AI software frameworks supported by NPU | DirectML, OpenVINO, Windows ML, ONNX RT, WebNN | Battery voltage                            | 11.7 V          |
| Total processor performance up to       | 118 TOPs                                       | Fast charging                              | ✓               |
| NPU performance up to                   | 48 TOPs  | Battery charge indicator                   | ✓               |
| GPU performance up to                   | 66 TOPs  | Battery weight                             | 220 g           |
| Memory                                  |  | Power                                      |                 |
| Internal memory *                       | 32 GB  | AC adapter power                           | 65 W            |
| Internal memory type                    | LPDDR5x-SDRAM                                  | AC adapter frequency                       | 50 - 60 Hz      |
| Memory form factor                      | On-board                                       | AC adapter input voltage                   | 100 - 240 V     |
| Maximum internal memory *               | 32 GB  | USB Type-C charging port *                 | ✓               |
| Memory data transfer rate               | 8533 MT/s                                      | USB Type-C required charging power (max) * | 100 W           |
| Storage                                 |  | USB Power Delivery (USB PD)                | ✓               |
| Total storage capacity *                | 512 GB   | USB charging voltage                       | 5,9,15,20 V     |
| Storage media *                         | SSD  | Security                                   |                 |
| Total SSDs capacity                     | 512 GB   | Cable lock slot                            | ✓               |
| Number of SSDs installed                | 1  | Cable lock slot type                       | Wedge           |
| SSD capacity                            | 512 GB   | Trusted Platform Module (TPM)              | ✓               |
| SSD interface                           | PCI Express 4.0                                | Trusted Platform Module (TPM) version      | 2.0             |
| NVMe                                    | ✓  | Operational conditions                     |                 |
| SSD form factor                         | M.2  | Operating temperature (T-T)                | 0 - 35 °C       |
| Optical drive type *                    | ✗  | Storage temperature (T-T)                  | -40 - 65 °C     |
| Card reader integrated                  | ✓  | Operating relative humidity (H-H)          | 10 - 90%        |
| Compatible memory cards                 | MicroSD (TransFlash)                           | Storage relative humidity (H-H)            | 0 - 95%         |
| Graphics                                |  | Operating altitude                         | -15.2 - 3048 m  |
| Discrete graphics card model *          | Not available                                  | Non-operating altitude                     | -15.2 - 10668 m |
| On-board graphics card *                | ✓  | Operating shock                            | 110 G           |
| On-board GPU manufacturer               | Intel  | Non-operating shock                        | 160 G           |
| Discrete graphics card *                | ✗  | Operating vibration                        | 0.66 G          |
| On-board graphics card family           | Intel Arc Graphics                             | Non-operating vibration                    | 1.3 G           |
| On-board graphics card model *          | Intel Arc Graphics 140V                        | Weight & dimensions                        |                 |
| Audio                                   |  | Width                                      | 358 mm          |
| Audio chip                              | Cirrus Logic CS42L43                           | Depth                                      | 251.4 mm        |
| Number of built-in speakers             | 2  | Height                                     | 21.4 mm         |
| Speaker power                           | 2.5 W  | Height (front)                             | 1.99 cm         |
| Built-in microphone                     | ✓  | Height (rear)                              | 2.06 cm         |
| Number of microphones                   | 2  | Weight *                                   | 1.84 kg         |
|   |  | Packaging content                          |                 |
|   |  | AC adapter included *                      | ✓               |

## Catalog Object Cloud



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