



## DELL Pro PC16250 Intel Core Ultra 7 255U Laptop 40.6 cm (16") Full HD+ 16 GB DDR5-SDRAM 512 GB SSD Wi-Fi 6E (802.11ax) Windows 11 Pro US English Silver

Brand : DELL

Product family: Pro

Product code: H60MC

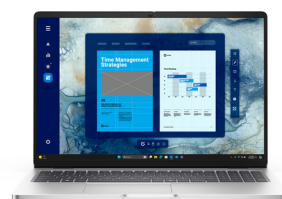
Product name : PC16250

- Windows 11 Pro 64-bit  
- Intel Core Ultra 7 255U (12MB Cache)  
- 40.6 cm (16") Full HD+ 1920 x 1200 IPS  
- 16GB DDR5-SDRAM (1 x 16) & 512GB SSD  
Intel Core Ultra 7 255U (12MB Cache), 16GB DDR5-SDRAM, 512GB SSD, 40.6 cm (16") Full HD+ 1920 x 1200 IPS, Intel Graphics, LAN, WLAN, Webcam, Windows 11 Pro 64-bit

DELL Pro PC16250 Intel Core Ultra 7 255U Laptop 40.6 cm (16") Full HD+ 16 GB DDR5-SDRAM 512 GB SSD Wi-Fi 6E (802.11ax) Windows 11 Pro US English Silver:

16-inch AI capable PC with a built-in AI chip, exceptional battery life, Intel® Core™ Ultra processors, and a sleek, modular design for enhanced durability.

DELL Pro PC16250. Product type: Laptop, Form factor: Clamshell. Processor family: Intel Core Ultra 7, Processor model: 255U. Display diagonal: 40.6 cm (16"), 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. Operating system installed: Windows 11 Pro. Product colour: Silver. Weight: 1.92 kg



| Design                               |                             | Camera  |   |
|--------------------------------------|-----------------------------|---|---|
| Product type *                       | Laptop                      | Infrared (IR) camera                              | ✓   |
| Product colour *                     | Silver                      | Privacy camera                                    | ✓   |
| Form factor *                        | Clamshell                   | Privacy type                                      | Privacy shutter   |
| Display                              |                             | Network   |   |
| Display diagonal *                   | 40.6 cm (16")               | Top Wi-Fi standard *                              | Wi-Fi 6E (802.11ax)   |
| Display resolution *                 | 1920 x 1200 pixels          | Wi-Fi standards                                   | 802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6E (802.11ax) |
| Touchscreen *                        | ✗                           | Mobile network connection *                       | ✗   |
| HD type                              | Full HD+                    | Antenna type                                      | 2x2   |
| Panel type                           | IPS                         | WLAN controller model                             | Intel Wi-Fi 6E AX211  |
| Native aspect ratio                  | 16:10                       | WLAN controller manufacturer                      | Intel   |
| Anti-glare screen                    | ✓                           | Ethernet LAN                                      | ✓   |
| Display brightness                   | 300 cd/m²                   | Ethernet LAN data rates                           | 10,100,1000 Mbit/s  |
| Pixel density                        | 141 ppi                     | Bluetooth   | ✓   |
| RGB colour space                     | NTSC                        | Ports & interfaces                                |   |
| Colour gamut                         | 45%                         | USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * | 2   |
| Maximum refresh rate                 | 60 Hz                       | USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity   | 1   |
| Contrast ratio (typical)             | 1000:1                      | Ethernet LAN (RJ-45) ports                        | 1   |
| Processor                            |                             | HDMI ports quantity *                             | 1   |
| Processor manufacturer *             | Intel                       | HDMI version                                      | 2.1   |
| Processor family *                   | Intel Core Ultra 7          | Thunderbolt 4 ports quantity                      | 1   |
| Processor generation                 | Intel Core Ultra (Series 2) | Intel® Thunderbolt 4                              | ✓   |
| Processor model *                    | 255U                        | Combo headphone/mic port                          | ✓   |
| Processor cores                      | 12                          | Power adapter barrel connector                    | 4.5 mm  |
| Processor threads                    | 14                          | USB Type-C DisplayPort Alternate Mode             | ✓   |
| Processor boost frequency            | 5.2 GHz                     | PowerShare  | ✓   |
| Performance cores                    | 2                           | Number of USB ports with PowerShare support       | 1   |
| Efficient cores                      | 8                           |   |   |
| Low Power Efficient-cores            | 2                           |   |   |
| Performance-core Max Turbo Frequency | 5.2 GHz                     |   |   |
| Efficient-core Max Turbo Frequency   | 4.2 GHz                     |   |   |

| Processor                                    |   | Performance                                |                                   |
|--|---|--|-----------------------------------|
| Low Power Efficient-core Max Turbo Frequency | 2.4 GHz                                 | Hall sensor                                | ✓                                 |
| Performance-core base frequency              | 2 GHz                                   | Keyboard                                   |                                   |
| Efficient-core base frequency                | 1.7 GHz                                 | Pointing device                            | Touchpad                          |
| Low Power Efficient-core Base Frequency      | 700 MHz                                 | Numeric keypad *                           | ✓                                 |
| Processor cache                              | 12 MB                                   | Keyboard backlit                           | ✓                                 |
| Processor base power                         | 15 W                                    | Keyboard language                          | US English                        |
| Maximum turbo power                          | 57 W                                    | Copilot key                                | ✓                                 |
| Neural processor unit (NPU)                  |   | Software                                   |                                   |
| Neural processor unit (NPU)                  | Intel AI Boost                          | Operating system architecture              | 64-bit                            |
| Sparsity support                             | ✓                                       | Operating system installed *               | Windows 11 Pro                    |
| Windows Studio effects support               | ✓                                       | Brand-specific features                    |                                   |
| AI software frameworks supported by NPU      | DirectML, ONNX RT, OpenVINO, Windows ML | Brand specific technologies                | Express Charge Boost capable, TNR |
| Memory                                       |   | Battery                                    |                                   |
| Internal memory *                            | 16 GB                                   | Number of battery cells                    | 3                                 |
| Internal memory type                         | DDR5-SDRAM                              | Battery capacity *                         | 55 Wh                             |
| Memory form factor                           | SO-DIMM                                 | Battery voltage                            | 11.7 V                            |
| Memory layout (slots x size)                 | 1 x 16 GB                               | Battery recharge time                      | 4 h                               |
| Memory slots                                 | 2x SO-DIMM                              | Fast charging                              | ✓                                 |
| Maximum internal memory *                    | 64 GB                                   | Battery weight                             | 210 g                             |
| Memory data transfer rate                    | 5600 MT/s                               | Power                                      |                                   |
| Storage                                      |   | AC adapter power                           | 65 W                              |
| Total storage capacity *                     | 512 GB                                  | AC adapter frequency                       | 50 - 60 Hz                        |
| Storage media *                              | SSD                                     | AC adapter input voltage                   | 100 - 240 V                       |
| Total SSDs capacity                          | 512 GB                                  | DC-in jack                                 | ✓                                 |
| Number of SSDs installed                     | 1                                       | USB Type-C charging port *                 | ✓                                 |
| SSD capacity                                 | 512 GB                                  | USB Type-C required charging power (min) * | 27 W                              |
| NVMe   | ✓                                       | USB Type-C required charging power (max) * | 65 W                              |
| SSD form factor                              | M.2                                     | USB Power Delivery (USB PD)                | ✓                                 |
| Optical drive type *                         | ✗                                       | USB charging voltage                       | 5,9,15,20 V                       |
| Graphics                                     |   | Security                                   |                                   |
| Discrete graphics card model *               | Not available                           | Cable lock slot                            | ✓                                 |
| On-board graphics card *                     | ✓                                       | Cable lock slot type                       | Wedge                             |
| On-board GPU manufacturer                    | Intel                                   | Trusted Platform Module (TPM)              | ✓                                 |
| Discrete graphics card *                     | ✗                                       | Trusted Platform Module (TPM) version      | 2.0                               |
| On-board graphics card family                | Intel Graphics                          | Operational conditions                     |                                   |
| On-board graphics card model *               | Intel Graphics                          | Operating temperature (T-T)                | 0 - 40 °C                         |
| Audio  |   | Storage temperature (T-T)                  | -40 - 65 °C                       |
| Audio chip                                   | Realtek ALC3204                         | Operating relative humidity (H-H)          | 0 - 90%                           |
| Audio system                                 | MaxxAudio Pro                           | Storage relative humidity (H-H)            | 0 - 95%                           |
| Number of built-in speakers                  | 2                                       | Operating altitude                         | -15.2 - 3048 m                    |
| Speakers manufacturer                        | Waves                                   | Non-operating altitude                     | -15.2 - 10668 m                   |
| Speaker power                                | 2.5 W                                   | Operating shock                            | 140 G                             |
| Built-in microphone                          | ✓                                       | Operating vibration                        | 0.66 G                            |
| Number of microphones                        | 2                                       | Weight & dimensions                        |                                   |
| Camera                                       |   | Width                                      | 358 mm                            |
| Front camera                                 | ✓                                       | Depth                                      | 251.8 mm                          |
| Front camera resolution (numeric)            | 2.07 MP                                 | Height (front)                             | 1.89 cm                           |
| Front camera resolution                      | 1920 x 1080 pixels                      | Height (rear)                              | 2.08 cm                           |
| Front camera HD type                         | Full HD                                 | Weight *                                   | 1.92 kg                           |
| Video capturing speed                        | 30 fps                                  | Packaging content                          |                                   |
|  |   | AC adapter included *                      | ✓                                 |



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### Catalog Object Cloud



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