



## DELL DC16250 Intel Core 5 120U Laptop 40.6 cm (16") Full HD+ 8 GB DDR5-SDRAM 512 GB SSD Wi-Fi 6 (802.11ax) Windows 11 Pro Black

Brand : DELL

Product code: DC16250\_RPLU-R\_015

Product name : DC16250

DELL DC16250. Product type: Laptop, Form factor: Clamshell. Processor family: Intel Core 5, Processor model: 120U. Display diagonal: 40.6 cm (16"), HD type: Full HD+, Display resolution: 1920 x 1200 pixels. Internal memory: 8 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: Black



| Design                               |                       | Network                                           |                        |
|--------------------------------------|-----------------------|---------------------------------------------------|------------------------|
| Colour name                          | Carbon Black          | WLAN controller model                             | Realtek RTL8852BE      |
| Product type *                       | Laptop                | WLAN controller manufacturer                      | Realtek                |
| Product colour *                     | Black                 | Bluetooth                                         | ✓                      |
| Form factor *                        | Clamshell             | MIMO                                              | ✓                      |
| Display                              |                       | MIMO type                                         | Multi User MIMO        |
| Display diagonal *                   | 40.6 cm (16")         | Ports & interfaces                                |                        |
| Display resolution *                 | 1920 x 1200 pixels    | USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * | 2                      |
| Touchscreen *                        | ✗                     | USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity   | 1                      |
| HD type                              | Full HD+              | HDMI ports quantity *                             | 1                      |
| Panel type                           | WVA                   | HDMI version                                      | 1.4                    |
| Display technology marketing name    | ComfortView           | Combo headphone/mic port                          | ✓                      |
| Native aspect ratio                  | 16:10                 | Power adapter barrel connector                    | 4.5 mm                 |
| Anti-glare screen                    | ✓                     | USB Type-C DisplayPort Alternate Mode             | ✓                      |
| Display brightness                   | 300 cd/m <sup>2</sup> | Performance                                       |                        |
| Pixel density                        | 141 ppi               | Accelerometer                                     | ✓                      |
| RGB colour space                     | NTSC                  | Keyboard                                          |                        |
| Colour gamut                         | 45%                   | Pointing device                                   | Touchpad               |
| Maximum refresh rate                 | 60 Hz                 | Numeric keypad *                                  | ✓                      |
| Contrast ratio (typical)             | 1000:1                | Keyboard backlit                                  | ✓                      |
| Processor                            |                       | Keyboard colour name                              | Carbon Black           |
| Processor manufacturer *             | Intel                 | Copilot key                                       | ✓                      |
| Processor family *                   | Intel Core 5          | Software                                          |                        |
| Processor generation                 | Intel Core (Series 1) | Operating system architecture                     | 64-bit                 |
| Processor model *                    | 120U                  | Operating system installed *                      | Windows 11 Pro         |
| Processor cores                      | 10                    | Battery                                           |                        |
| Processor threads                    | 12                    | Battery technology                                | Lithium Polymer (LiPo) |
| Processor boost frequency            | 5 GHz                 | Number of battery cells                           | 3                      |
| Performance cores                    | 2                     | Battery capacity *                                | 41 Wh                  |
| Efficient cores                      | 8                     | Battery voltage                                   | 11.25 V                |
| Performance-core Max Turbo Frequency | 5 GHz                 |                                                   |                        |
| Efficient-core Max Turbo Frequency   | 3.8 GHz               |                                                   |                        |
| Performance-core base frequency      | 1.4 GHz               |                                                   |                        |
| Efficient-core base frequency        | 0.9 GHz               |                                                   |                        |

| Processor                         |                                                                                      | Battery                                      |                      |
|-----------------------------------|--------------------------------------------------------------------------------------|----------------------------------------------|----------------------|
| Processor cache                   | 12 MB                                                                                | Battery recharge time                        | 3 h                  |
| Processor cache type              | Smart Cache                                                                          | Fast charging                                | ✓                    |
| Processor base power              | 15 W                                                                                 | Battery charge indicator                     | ✓                    |
| Maximum turbo power               | 55 W                                                                                 | Battery weight                               | 180 g                |
| Memory                            |                                                                                      | Power                                        |                      |
| Internal memory *                 | 8 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 8 GB                                                                             | AC adapter output voltage                    | 19.5 V               |
| Memory slots                      | 2x SO-DIMM                                                                           | DC-in jack                                   | ✓                    |
| Maximum internal memory *         | 32 GB                                                                                | USB Type-C charging port *                   | ✓                    |
| Memory data transfer rate         | 5200 MT/s                                                                            | USB Type-C required charging power (min) *   | 27 W                 |
| Storage                           |                                                                                      | USB Type-C required charging power (max) *   | 65 W                 |
| Total storage capacity *          | 512 GB                                                                               | USB Power Delivery (USB PD)                  | ✓                    |
| 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                                                                               | Fingerprint reader                           | ✓                    |
| SSD interface                     | PCI Express 4.0                                                                      | Trusted Platform Module (TPM)                | ✓                    |
| NVMe                              | ✓                                                                                    | Trusted Platform Module (TPM) version        | 2.0                  |
| SSD form factor                   | M.2                                                                                  | Operational conditions                       |                      |
| M.2 SSD size                      | 2230 (22 x 30 mm)                                                                    | Operating temperature (T-T)                  | 0 - 35 °C            |
| Optical drive type *              | ✗                                                                                    | Storage temperature (T-T)                    | -40 - 70 °C          |
| Graphics                          |                                                                                      | Operating relative humidity (H-H)            | 10 - 90%             |
| Discrete graphics card model *    | Not available                                                                        | Storage relative humidity (H-H)              | 5 - 95%              |
| On-board graphics card *          | ✓                                                                                    | Operating altitude                           | -15.2 - 3048 m       |
| On-board GPU manufacturer         | Intel                                                                                | Non-operating altitude                       | -15.2 - 10668 m      |
| Discrete graphics card *          | ✗                                                                                    | Operating shock                              | 110 G                |
| On-board graphics card family     | Intel® Graphics                                                                      | Non-operating shock                          | 160 G                |
| On-board graphics card model *    | Intel® Graphics                                                                      | Operating vibration                          | 0.66 G               |
| Audio                             |                                                                                      | Non-operating vibration                      | 1.3 G                |
| Audio system                      | High Definition Audio                                                                | Weight & dimensions                          |                      |
| Number of built-in speakers       | 2                                                                                    | Width                                        | 357.3 mm             |
| Speaker power                     | 2.5 W                                                                                | Depth                                        | 250.6 mm             |
| Built-in microphone               | ✓                                                                                    | Height (front)                               | 1.67 cm              |
| Number of microphones             | 2                                                                                    | Height (rear)                                | 1.82 cm              |
| Camera                            |                                                                                      | Carbon footprint                             |                      |
| Front camera                      | ✓                                                                                    | Total carbon footprint (kg of CO2e)          | 98.6                 |
| Front camera resolution (numeric) | 0.92 MP                                                                              | Carbon emissions, manufacturing (kg of CO2e) | 71.88                |
| Front camera resolution           | 1280 x 720 pixels                                                                    | Carbon emissions, logistics (kg of CO2e)     | 4.04                 |
| Front camera HD type              | HD                                                                                   | Carbon emissions, energy usage (kg of CO2e)  | 21                   |
| Video capturing speed             | 30 fps                                                                               | Carbon emissions, end-of-life (kg of CO2e)   | 1.77                 |
| Network                           |                                                                                      | PAIA version                                 | GaBi version 1, 2025 |
| Top Wi-Fi standard *              | Wi-Fi 6 (802.11ax)                                                                   | Packaging content                            |                      |
| Wi-Fi standards                   | 802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax) | AC adapter included *                        | ✓                    |
| Mobile network connection *       | ✗                                                                                    |                                              |                      |
| Wi-Fi band                        | Dual-band (2.4 GHz / 5 GHz)                                                          |                                              |                      |
| Wi-Fi data rate (max)             | 1201 Mbit/s                                                                          |                                              |                      |
| Antenna type                      | 2x2                                                                                  |                                              |                      |



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### Catalog Object Cloud



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