



## DELL 14 Premium DA14250 Intel Core Ultra 7 255H Laptop 36.8 cm (14.5") WUXGA 16 GB LPDDR5x-SDRAM 512 GB SSD Wi-Fi 7 (802.11be) Windows 11 Pro UK International Platinum

**Brand :** DELL

**Product family:** 14 Premium

**Product code:**  
DA14250\_ARLH\_101

**Product name :** DA14250

DELL 14 Premium DA14250. Product type: Laptop, Form factor: Clamshell. Processor family: Intel Core Ultra 7, Processor model: 255H. Display diagonal: 36.8 cm (14.5"), HD type: WUXGA, Display resolution: 1920 x 1200 pixels. Internal memory: 16 GB, Internal memory type: LPDDR5x-SDRAM. Total storage capacity: 512 GB, Storage media: SSD. On-board graphics card model: Intel Arc 140T. Operating system installed: Windows 11 Pro. Product colour: Platinum



| Design                     |                             | Audio                                 |                                                                                                           |
|----------------------------|-----------------------------|---------------------------------------|-----------------------------------------------------------------------------------------------------------|
| Product type *             | Laptop                      | Built-in microphone                   | ✓                                                                                                         |
| Product colour *           | Platinum                    | Number of microphones                 | 2                                                                                                         |
| Form factor *              | Clamshell                   | Camera                                |                                                                                                           |
| Market positioning         | Premium                     | Front camera                          | ✓                                                                                                         |
| Display                    |                             | Front camera resolution (numeric)     | 2.07 MP                                                                                                   |
| Display diagonal *         | 36.8 cm (14.5")             | Front camera resolution               | 1920 x 1080 pixels                                                                                        |
| Display resolution *       | 1920 x 1200 pixels          | Front camera HD type                  | Full HD                                                                                                   |
| Touchscreen *              | ✗                           | Video capturing speed                 | 30 fps                                                                                                    |
| HD type                    | WUXGA                       | Infrared (IR) camera                  | ✓                                                                                                         |
| Panel type                 | IPS                         | Network                               |                                                                                                           |
| Native aspect ratio        | 16:10                       | Top Wi-Fi standard *                  | Wi-Fi 7 (802.11be)                                                                                        |
| Anti-glare screen          | ✓                           | 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) |
| Display bezel technology   | InfinityEdge                | Mobile network connection *           | ✗                                                                                                         |
| Display brightness         | 500 cd/m <sup>2</sup>       | Wi-Fi band                            | Tri-band (2.4 GHz / 5 GHz / 6 GHz)                                                                        |
| Pixel density              | 156 ppi                     | Wi-Fi data rate (max)                 | 5800 Mbit/s                                                                                               |
| RGB colour space           | sRGB                        | Antenna type                          | 2x2                                                                                                       |
| Colour gamut               | 100%                        | WLAN controller model                 | Intel Wi-Fi 7 BE201                                                                                       |
| Low Blue Light technology  | ✓                           | WLAN controller manufacturer          | Intel                                                                                                     |
| Display response rise/fall | 24 ms                       | Bluetooth                             | ✓                                                                                                         |
| Maximum refresh rate       | 120 Hz                      | Ports & interfaces                    |                                                                                                           |
| Contrast ratio (typical)   | 2000:1                      | Thunderbolt 4 ports quantity          | 3                                                                                                         |
| Processor                  |                             | Intel® Thunderbolt 4                  | ✓                                                                                                         |
| Processor manufacturer *   | Intel                       | Combo headphone/mic port              | ✓                                                                                                         |
| Processor family *         | Intel Core Ultra 7          | USB Type-C DisplayPort Alternate Mode | ✓                                                                                                         |
| Processor generation       | Intel Core Ultra (Series 2) | Performance                           |                                                                                                           |
| Processor model *          | 255H                        | Ambient light sensor                  | ✓                                                                                                         |
| Processor cores            | 16                          | Keyboard                              |                                                                                                           |
| Processor threads          | 16                          | Pointing device                       | Touchpad                                                                                                  |
| Processor boost frequency  | 5.1 GHz                     |                                       |                                                                                                           |
| Performance cores          | 6                           |                                       |                                                                                                           |
| Efficient cores            | 8                           |                                       |                                                                                                           |
| Low Power Efficient-cores  | 2                           |                                       |                                                                                                           |

| Processor                                    |                                            | Keyboard                                                |                                                                                   |
|----------------------------------------------|--------------------------------------------|---------------------------------------------------------|-----------------------------------------------------------------------------------|
| Performance-core Max Turbo Frequency         | 5.1 GHz                                    | Numeric keypad *                                        | ✗                                                                                 |
| Efficient-core Max Turbo Frequency           | 4.4 GHz                                    | Keyboard backlit                                        | ✓                                                                                 |
| Low Power Efficient-core Max Turbo Frequency | 2.5 GHz                                    | Keyboard language                                       | UK International                                                                  |
| Neural processor unit (NPU)                  |                                            | Software                                                |                                                                                   |
| Performance-core base frequency              | 2 GHz                                      | Operating system architecture                           | 64-bit                                                                            |
| Efficient-core base frequency                | 1.5 GHz                                    | Trial software                                          | McAfee Business Protection 1-year, Activate Your Microsoft 365 For A 30 Day Trial |
| Low Power Efficient-core Base Frequency      | 700 MHz                                    | Operating system installed *                            | Windows 11 Pro                                                                    |
| Processor cache                              | 24 MB                                      | Battery                                                 |                                                                                   |
| Processor base power                         | 28 W                                       | Battery technology                                      | Lithium Polymer (LiPo)                                                            |
| Maximum turbo power                          | 115 W                                      | Number of battery cells                                 | 6                                                                                 |
| Memory                                       |                                            | Battery capacity *                                      | 70 Wh                                                                             |
| Internal memory *                            | 16 GB                                      | Battery voltage                                         | 11.7 V                                                                            |
| Internal memory type                         | LPDDR5x-SDRAM                              | Battery recharge time                                   | 2 h                                                                               |
| Memory form factor                           | On-board                                   | Fast charging                                           | ✓                                                                                 |
| Maximum internal memory *                    | 16 GB                                      | Battery weight                                          | 270 g                                                                             |
| Memory channels                              | Dual-channel                               | Power                                                   |                                                                                   |
| Memory data transfer rate                    | 6400 MT/s                                  | AC adapter power                                        | 60 W                                                                              |
| Storage                                      |                                            | AC adapter frequency                                    | 50 - 60 Hz                                                                        |
| Total storage capacity *                     | 512 GB                                     | AC adapter input voltage                                | 100 - 240 V                                                                       |
| Storage media *                              | SSD                                        | USB Type-C charging port *                              | ✓                                                                                 |
| Total SSDs capacity                          | 512 GB                                     | USB Type-C required charging power (min) *              | 27 W                                                                              |
| Number of SSDs installed                     | 1                                          | USB Type-C required charging power (max) *              | 60 W                                                                              |
| SSD capacity                                 | 512 GB                                     | USB Power Delivery (USB PD)                             | ✓                                                                                 |
| SSD interface                                | PCI Express 4.0                            | Security                                                |                                                                                   |
| NVMe                                         | ✓                                          | Fingerprint reader                                      | ✓                                                                                 |
| SSD form factor                              | M.2                                        | Operational conditions                                  |                                                                                   |
| Optical drive type *                         | ✗                                          | Operating temperature (T-T)                             | 0 - 35 °C                                                                         |
| Card reader integrated                       | ✓                                          | Storage temperature (T-T)                               | -40 - 65 °C                                                                       |
| Compatible memory cards                      | MicroSD (TransFlash), MicroSDHC, MicroSDXC | 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                                                                   |
| On-board GPU manufacturer                    | Intel                                      | Operating shock                                         | 110 G                                                                             |
| Discrete graphics card *                     | ✗                                          | Non-operating shock                                     | 160 G                                                                             |
| On-board graphics card family                | Intel Arc Graphics                         | Operating vibration                                     | 0.66 G                                                                            |
| On-board graphics card model *               | Intel Arc 140T                             | Non-operating vibration                                 | 1.3 G                                                                             |
| Audio                                        |                                            | Weight & dimensions                                     |                                                                                   |
| Audio chip                                   | Cirrus Logic CS42L43                       | Width                                                   | 320 mm                                                                            |
| Audio system                                 | MaxxAudio Pro                              | Depth                                                   | 216 mm                                                                            |
| Number of built-in speakers                  | 4                                          | Height (front)                                          | 6.7 mm                                                                            |
| Speakers manufacturer                        | Waves                                      | Height (rear)                                           | 1.8 cm                                                                            |
| Speaker power                                | 2.5 W                                      | Carbon footprint                                        |                                                                                   |
|                                              |                                            | Total carbon footprint (kg of CO2e)                     | 329                                                                               |
|                                              |                                            | Total carbon emissions, standard deviation (kg of CO2e) | 60                                                                                |
|                                              |                                            | Carbon emissions, manufacturing (kg of CO2e)            | 42.441                                                                            |
|                                              |                                            | Carbon emissions, logistics (kg of CO2e)                | 16.121                                                                            |
|                                              |                                            | Carbon emissions, energy usage (kg of CO2e)             | 42.441                                                                            |
|                                              |                                            | Carbon emissions, end-of-life (kg of CO2e)              | 1.97                                                                              |
|                                              |                                            | PAIA version                                            | PAIA 1.4.7, 2025                                                                  |

#### Packaging content

AC adapter included \*



## Catalog Object Cloud



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