



**DELL 14 Plus 2-in-1 DB04250 Copilot+ PC Intel Core Ultra 7 256V Hybrid (2-in-1) 35.6 cm (14") Touchscreen Full HD+ 16 GB LPDDR5x-SDRAM 1 TB SSD Wi-Fi 7 (802.11be) Windows 11 Pro Blue**

**Brand :** DELL

**Product family:** 14 Plus

**Product code:**  
DB04250\_LNL\_201

**Product name :** 2-in-1  
DB04250

DELL 14 Plus 2-in-1 DB04250. Product type: Hybrid (2-in-1), Form factor: Convertible (Folder). Processor family: Intel Core Ultra 7, Processor model: 256V. Display diagonal: 35.6 cm (14"), HD type: Full HD+, Display resolution: 1920 x 1200 pixels, Touchscreen. Internal memory: 16 GB, Internal memory type: LPDDR5x-SDRAM. Total storage capacity: 1 TB, Storage media: SSD. On-board graphics card model: Intel Arc Graphics 140V. Operating system installed: Windows 11 Pro. Product colour: Blue



| Design                            |                             | Camera                                            |                                                                                        |
|-----------------------------------|-----------------------------|---------------------------------------------------|----------------------------------------------------------------------------------------|
| Colour name                       | Ice Blue                    | Front camera resolution (numeric)                 | 2.07 MP                                                                                |
| Product type *                    | Hybrid (2-in-1)             | Front camera resolution                           | 1920 x 1080 pixels                                                                     |
| Product colour *                  | Blue                        | Front camera HD type                              | Full HD                                                                                |
| Form factor *                     | Convertible (Folder)        | Video capturing speed                             | 30 fps                                                                                 |
| Housing material                  | Aluminium, Plastic          | Privacy camera                                    | ✓                                                                                      |
| Display                           |                             | Privacy type                                      | Privacy shutter                                                                        |
| Display diagonal *                | 35.6 cm (14")               | Network                                           |                                                                                        |
| Display resolution *              | 1920 x 1200 pixels          | Top Wi-Fi standard *                              | Wi-Fi 7 (802.11be)                                                                     |
| Touchscreen *                     | ✓                           | Wi-Fi standards                                   | 802.11a, 802.11b, 802.11g, Wi-Fi 5 (802.11ac), Wi-Fi 6E (802.11ax), Wi-Fi 7 (802.11be) |
| HD type                           | Full HD+                    | Mobile network connection *                       | ✗                                                                                      |
| Panel type                        | IPS WVA                     | Wi-Fi band                                        | Tri-band (2.4 GHz / 5 GHz / 6 GHz)                                                     |
| Display technology marketing name | ComfyView                   | Wi-Fi data rate (max)                             | 5760 Mbit/s                                                                            |
| LED backlight                     | ✓                           | WLAN controller model                             | Intel Wi-Fi 7 BE201                                                                    |
| Native aspect ratio               | 16:10                       | WLAN controller manufacturer                      | Intel                                                                                  |
| Display surface                   | Gloss                       | Bluetooth                                         | ✓                                                                                      |
| Display brightness                | 300 cd/m²                   | Ports & interfaces                                |                                                                                        |
| Pixel pitch                       | 0.15 x 0.15 mm              | USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * | 1                                                                                      |
| Pixel density                     | 162 ppi                     | USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity   | 1                                                                                      |
| RGB colour space                  | NTSC                        | HDMI ports quantity *                             | 1                                                                                      |
| Colour gamut                      | 45%                         | HDMI version                                      | 2.1                                                                                    |
| Display response rise/fall        | 35 ms                       | Thunderbolt 4 ports quantity                      | 1                                                                                      |
| Maximum refresh rate              | 60 Hz                       | Combo headphone/mic port                          | ✓                                                                                      |
| Contrast ratio (typical)          | 600:1                       | USB Type-C DisplayPort Alternate Mode             | ✓                                                                                      |
| Processor                         |                             | Performance                                       |                                                                                        |
| Processor manufacturer *          | Intel                       | Motherboard chipset                               | Intel SoC                                                                              |
| Processor family *                | Intel Core Ultra 7          | Keyboard                                          |                                                                                        |
| Processor generation              | Intel Core Ultra (Series 2) | Pointing device                                   | Touchpad                                                                               |
| Processor model *                 | 256V                        | Numeric keypad *                                  | ✗                                                                                      |
| Processor cores                   | 8                           |                                                   |                                                                                        |
| Processor threads                 | 8                           |                                                   |                                                                                        |
| Processor boost frequency         | 4.8 GHz                     |                                                   |                                                                                        |
| Performance cores                 | 4                           |                                                   |                                                                                        |
| Low Power Efficient-cores         | 4                           |                                                   |                                                                                        |

| Processor                                    |                                                | Keyboard                                     |                                                                     |
|----------------------------------------------|------------------------------------------------|----------------------------------------------|---------------------------------------------------------------------|
| Performance-core Max Turbo Frequency         | 4.8 GHz                                        | Keyboard backlit                             | ✓                                                                   |
| Low Power Efficient-core Max Turbo Frequency | 3.7 GHz                                        | Copilot key                                  | ✓                                                                   |
| Performance-core base frequency              | 2.2 GHz                                        | Software                                     |                                                                     |
| Low Power Efficient-core Base Frequency      | 2200 MHz                                       | Operating system architecture                | 64-bit                                                              |
| Processor cache                              | 12 MB                                          | Trial software                               | McAfee LiveSafe 1Yr, Activate Your Microsoft 365 For A 30 Day Trial |
| Processor cache type                         | Smart Cache                                    | Operating system installed *                 | Windows 11 Pro                                                      |
| Processor base power                         | 17 W                                           | Brand-specific features                      |                                                                     |
| Maximum turbo power                          | 37 W                                           | Brand specific technologies                  | Express Charge Boost capable                                        |
| Neural processor unit (NPU)                  |                                                | Battery                                      |                                                                     |
| Copilot+ PC                                  | ✓                                              | Battery technology                           | Lithium-Ion (Li-Ion)                                                |
| Neural processor unit (NPU)                  | Intel AI Boost                                 | Number of battery cells                      | 4                                                                   |
| Sparsity support                             | ✓                                              | Battery capacity *                           | 64 Wh                                                               |
| Windows Studio effects support               | ✓                                              | Battery voltage                              | 15.2 V                                                              |
| AI software frameworks supported by NPU      | DirectML, OpenVINO, Windows ML, ONNX RT, WebNN | Battery recharge time                        | 3 h                                                                 |
| Total processor performance up to            | 115 TOPs                                       | Fast charging                                | ✓                                                                   |
| NPU performance up to                        | 47 TOPs                                        | Battery weight                               | 260 g                                                               |
| GPU performance up to                        | 64 TOPs                                        | Power                                        |                                                                     |
| Memory                                       |                                                | AC adapter power                             | 65 W                                                                |
| Internal memory *                            | 16 GB                                          | AC adapter frequency                         | 50/60 Hz                                                            |
| Internal memory type                         | LPDDR5x-SDRAM                                  | AC adapter input voltage                     | 100 - 240 V                                                         |
| Memory form factor                           | On-board                                       | USB Type-C charging port *                   | ✓                                                                   |
| Maximum internal memory *                    | 16 GB                                          | USB Type-C required charging power (min) *   | 27 W                                                                |
| Memory channels                              | Dual-channel                                   | USB Type-C required charging power (max) *   | 65 W                                                                |
| Memory data transfer rate                    | 8533 MT/s                                      | USB Power Delivery (USB PD)                  | ✓                                                                   |
| Storage                                      |                                                | USB charging voltage                         | 5,9,15,20 V                                                         |
| Total storage capacity *                     | 1 TB                                           | USB charging current                         | 3.25 A                                                              |
| Storage media *                              | SSD                                            | Security                                     |                                                                     |
| Total SSDs capacity                          | 1 TB                                           | Fingerprint reader                           | ✓                                                                   |
| Number of SSDs installed                     | 1                                              | Operational conditions                       |                                                                     |
| SSD capacity                                 | 1 TB                                           | Operating temperature (T-T)                  | 0 - 40 °C                                                           |
| SSD interface                                | PCI Express 4.0                                | Storage temperature (T-T)                    | -40 - 65 °C                                                         |
| NVMe                                         | ✓                                              | Operating relative humidity (H-H)            | 0 - 90%                                                             |
| SSD form factor                              | M.2                                            | Storage relative humidity (H-H)              | 0 - 90%                                                             |
| M.2 SSD size                                 | 2230 (22 x 30 mm)                              | Operating shock                              | 140 G                                                               |
| Optical drive type *                         | ✗                                              | Operating vibration                          | 0.66 G                                                              |
| Card reader integrated                       | ✗                                              | Sustainability                               |                                                                     |
| Graphics                                     |                                                | Sustainability certificates                  | ENERGY STAR, EPEAT Climate +, EPEAT Gold                            |
| Discrete graphics card model *               | Not available                                  | Weight & dimensions                          |                                                                     |
| On-board graphics card *                     | ✓                                              | Width                                        | 314 mm                                                              |
| On-board GPU manufacturer                    | Intel                                          | Depth                                        | 226.2 mm                                                            |
| Discrete graphics card *                     | ✗                                              | Height (front)                               | 1.4 cm                                                              |
| On-board graphics card family                | Intel Arc Graphics                             | Height (rear)                                | 1.5 cm                                                              |
| On-board graphics card model *               | Intel Arc Graphics 140V                        | Weight *                                     | 1.61 kg                                                             |
| Audio                                        |                                                | Carbon footprint                             |                                                                     |
| Audio system                                 | MaxxAudio Pro                                  | Total carbon footprint (kg of CO2e)          | 140                                                                 |
| Number of built-in speakers                  | 2                                              | Carbon emissions, manufacturing (kg of CO2e) | 114.8                                                               |
| Speakers manufacturer                        | Waves                                          | Carbon emissions, logistics (kg of CO2e)     | 3.08                                                                |
| Speaker power                                | 2.5 W                                          | Carbon emissions, energy usage (kg of CO2e)  | 20.86                                                               |
| Built-in microphone                          | ✓                                              | Carbon emissions, end-of-life (kg of CO2e)   | 1.4                                                                 |
| Camera                                       |                                                |                                              |                                                                     |
| Front camera                                 | ✓                                              |                                              |                                                                     |

| Carbon footprint      |                      |
|-----------------------|----------------------|
| PAIA version          | GaBi version 1, 2024 |
| Packaging content     |                      |
| AC adapter included * | ✓                    |
| Cables included       | AC                   |

## Catalog Object Cloud



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