



## DELL Latitude 5450 Intel Core Ultra 7 155U Kannettava tietokone 35,6 cm (14") Full HD 16 GB DDR5-SDRAM 512 GB SSD Wi-Fi 6E (802.11ax) Windows 11 Pro Harmaa

**Tuotemerkki :** DELL

**Tuoteperhe:** Latitude

**Tuotekoodi:** T9X2Y

**Tuotteen nimi :** 5450



DELL Latitude 5450. Tuotetyyppi: Kannettava tietokone, Kotelo: Simpukka. Suoritinperhe: Intel Core Ultra 7, Processorimalli: 155U. Näytön halkaisija: 35,6 cm (14"), HD-tyyppi: Full HD, Näytön erottelutarkkuus: 1920 x 1080 pikseliä. Sisäinen muisti: 16 GB, Sisäisen muistin tyyppi: DDR5-SDRAM. Kokonaistallennuskapasiteetti: 512 GB, Tallennusmedia: SSD. Sisältyvän näytönohjaimen malli: Intel Graphics. Käyttöjärjestelmä asennettu: Windows 11 Pro. Tuotteen väri: Harmaa. Paino: 1,4 kg



| Design                    |                               | Camera  |  |
|---------------------------|-------------------------------|---|--|
| Product type *            | Laptop                        | Privacy type                                      | Privacy shutter  |
| Product colour *          | Grey                          | <b>Network</b>                                    |  |
| Form factor *             | Clamshell                     | Top Wi-Fi standard *                              | Wi-Fi 6E (802.11ax)  |
| Market positioning        | Business                      | Wi-Fi standards                                   | Wi-Fi 5 (802.11ac), 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 6E (802.11ax) |
| Display                   |                               | Mobile network connection *                       | ✗  |
| Display diagonal *        | 35.6 cm (14")                 | Antenna type                                      | 2x2  |
| Display resolution *      | 1920 x 1080 pixels            | WLAN controller model                             | Intel Wi-Fi 6E AX211   |
| Touchscreen *             | ✗                             | WLAN controller manufacturer                      | Intel  |
| HD type                   | Full HD                       | Ethernet LAN                                      | ✓  |
| Panel type                | IPS                           | Ethernet LAN data rates                           | 10,100,1000 Mbit/s   |
| LED backlight             | ✓                             | Bluetooth   | ✓  |
| Native aspect ratio       | 16:9                          | WWAN  | Upgradable   |
| Anti-glare screen         | ✓                             | Ports & interfaces                                |  |
| Display brightness        | 250 cd/m <sup>2</sup>         | USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * | 2  |
| Pixel density             | 157 ppi                       | Ethernet LAN (RJ-45) ports                        | 1  |
| RGB colour space          | NTSC                          | HDMI ports quantity *                             | 1  |
| Colour gamut              | 45%                           | HDMI version                                      | 2.1  |
| Maximum refresh rate      | 60 Hz                         | Thunderbolt 4 ports quantity                      | 2  |
| Contrast ratio (typical)  | 600:1                         | Intel® Thunderbolt 4                              | ✓  |
| Processor                 |                               | Combo headphone/mic port                          | ✓  |
| Processor manufacturer *  | Intel                         | Charging port type                                | USB Type-C   |
| Processor family *        | Intel Core Ultra 7            | USB Type-C DisplayPort Alternate Mode             | ✓  |
| Processor generation      | Intel® Core™ Ultra (Series 1) | PowerShare  | ✓  |
| Processor model *         | 155U                          |   |  |
| Processor cores           | 12                            |   |  |
| Processor threads         | 14                            |   |  |
| Processor boost frequency | 4.8 GHz                       |   |  |
| Performance cores         | 2                             |   |  |

|  |   |                                       |  |
|--|---|---------------------------------------|--|
| <b>Processor</b>                             |   | <b>Keyboard</b>                       |  |
| Efficient cores                              | 8                                       | Pointing device                       | Touchpad   |
| Low Power Efficient-cores                    | 2                                       | Keyboard language                     | Nordic   |
| Performance-core Max Turbo Frequency         | 4.8 GHz                                 | Numeric keypad *                      | ✗  |
| Efficient-core Max Turbo Frequency           | 3.8 GHz                                 | Keyboard backlit                      | ✓  |
| Low Power Efficient-core Max Turbo Frequency | 2.1 GHz                                 | Keyboard number of keys               | 80   |
| Performance-core base frequency              | 1.7 GHz                                 | Copilot key                           | ✓  |
| Efficient-core base frequency                | 1.2 GHz                                 | <b>Software</b>                       |  |
| Low Power Efficient-core Base Frequency      | 700 MHz                                 | Operating system architecture         | 64-bit   |
| Processor cache                              | 12 MB                                   | Operating system language             | Danish, English, Finnish, Norwegian, Swedish                   |
| Processor cache type                         | Smart Cache                             | Trial software                        | No Microsoft Office Licence Included - 30 day Trial Offer Only |
| Processor base power                         | 15 W                                    | Operating system installed *          | Windows 11 Pro   |
| Maximum turbo power                          | 57 W                                    | Microsoft Copilot                     | ✓  |
| <b>Neural processor unit (NPU)</b>           |   | <b>Battery</b>                        |  |
| Neural processor unit (NPU)                  | Intel AI Boost                          | Number of battery cells               | 3  |
| Maximum frequency NPU                        | 1.4 GHz                                 | Battery capacity *                    | 54 Wh  |
| Sparsity support                             | ✓                                       | Battery voltage                       | 11.4 V   |
| Windows Studio effects support               | ✓                                       | Battery recharge time                 | 4 h  |
| AI datatype support on NPU                   | FP16, FP32, Int8                        | Fast charging                         | ✓  |
| AI software frameworks supported by NPU      | DirectML, ONNX RT, OpenVINO, Windows ML | Battery charge indicator              | ✓  |
| <b>Memory</b>                                |   | Battery weight                        | 220 g  |
| Internal memory *                            | 16 GB                                   | <b>Power</b>                          |  |
| Internal memory type                         | DDR5-SDRAM                              | AC adapter power                      | 65 W   |
| Memory form factor                           | SO-DIMM                                 | AC adapter frequency                  | 50 - 60 Hz   |
| Memory layout (slots x size)                 | 2 x 8 GB                                | AC adapter input voltage              | 100 - 240 V  |
| Memory slots                                 | 2x SO-DIMM                              | USB charging voltage                  | 5,9,15,20 V  |
| Maximum internal memory *                    | 64 GB                                   | <b>Security</b>                       |  |
| Memory data transfer rate                    | 5600 MT/s                               | Cable lock slot                       | ✓  |
| <b>Storage</b>                               |   | Cable lock slot type                  | Wedge  |
| Total storage capacity *                     | 512 GB                                  | Fingerprint reader                    | ✓  |
| Storage media *                              | SSD                                     | Smart card reader                     | ✓  |
| Total SSDs capacity                          | 512 GB                                  | Trusted Platform Module (TPM)         | ✓  |
| Number of SSDs installed                     | 1                                       | Trusted Platform Module (TPM) version | 2.0  |
| SSD capacity                                 | 512 GB                                  | Password protection                   | ✓  |
| SSD memory type                              | TLC                                     | <b>Operational conditions</b>         |  |
| SSD interface                                | PCI Express 4.0                         | Operating temperature (T-T)           | 0 - 35 °C  |
| NVMe   | ✓                                       | Storage temperature (T-T)             | -40 - 65 °C  |
| SSD form factor                              | M.2                                     | Operating relative humidity (H-H)     | 10 - 90%   |
| Optical drive type *                         | ✗                                       | Storage relative humidity (H-H)       | 0 - 95%  |
| <b>Graphics</b>                              |   | 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 model *               | Intel Graphics                          | Non-operating vibration               | 1.3 G  |
| <b>Audio</b>                                 |   | <b>Weight &amp; dimensions</b>        |  |
| Audio system                                 | MaxxAudio Pro                           | Width                                 | 321.4 mm   |
| Number of built-in speakers                  | 2                                       | Depth                                 | 212 mm   |
| Speakers manufacturer                        | Waves                                   | Height (front)                        | 1.91 cm  |
| Speaker power                                | 2 W                                     | Height (rear)                         | 2.1 cm   |
| Built-in microphone                          | ✓                                       | Weight *                              | 1.4 kg   |
| Number of microphones                        | 2                                       | <b>Carbon footprint</b>               |  |
| <b>Camera</b>                                |   | Total carbon footprint (kg of CO2e)   | 111  |
| Front camera                                 | ✓                                       |                                       |  |

| Camera                            |                    | Carbon footprint                                   |                      |
|-----------------------------------|--------------------|--|----------------------|
| Front camera resolution (numeric) | 2.07 MP            | Carbon emissions, manufacturing (kg of CO2e)       | 81                   |
| Front camera resolution           | 1920 x 1080 pixels | Carbon emissions, logistics (kg of CO2e)           | 4                    |
| Front camera HD type              | Full HD            | Carbon emissions, energy usage (kg of CO2e)        | 24                   |
| Video capturing speed             | 30 fps             | Carbon emissions, end-of-life (kg of CO2e)         | 2                    |
| Infrared (IR) camera              | ✓                  | Total carbon emissions, w/o use phase (kg of CO2e) | 87                   |
| Privacy camera                    | ✓                  | PAIA version                                       | GaBi version 1, 2024 |
|                                   |                    | Packaging content                                  |                      |
|                                   |                    | Cables included                                    | AC                   |



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