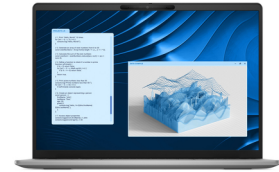![DELL logo]

# DELL Latitude 5455 Qualcomm Snapdragon X1P-42-100 Laptop 35,6 cm (14") Full HD+ 16 GB LPDDR5x-SDRAM 512 GB SSD Wi-Fi 7 (802.11be) Windows 11 Pro Grey

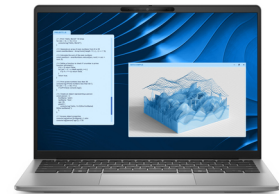**Brand :** DELL　　　　**Product family:** Latitude　　　　**Article code:** 4WRTF

**Product name :** 5455

DELL Latitude 5455. Product type: Laptop, Form factor: Clamshell. Processor family: Qualcomm Snapdragon, Processor model: X1P-42-100, Processor frequency: 3,24 GHz. Display diagonal: 35,6 cm (14"), HD type: Full HD+, 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: Qualcomm Adreno GPU. Operating system installed: Windows 11 Pro. Product color: Grey

## Design

| | |
|---|---|
| Product type * | Laptop |
| Product colour * | Grey |
| Form factor * | Clamshell |
| Housing material | Aluminium |

## Display

| | |
|---|---|
| Display diagonal * | 35.6 cm (14") |
| Display resolution * | 1920 x 1200 pixels |
| Touchscreen * | ✘ |
| HD type | Full HD+ |
| Panel type | WVA |
| LED backlight | ✔ |
| Native aspect ratio | 16:10 |
| Anti-glare screen | ✔ |
| Display brightness | 300 cd/m² |
| Pixel density | 162 ppi |
| RGB colour space | NTSC |
| Colour gamut | 45% |
| Maximum refresh rate | 60 Hz |
| Contrast ratio (typical) | 600:1 |

## Processor

| | |
|---|---|
| Processor manufacturer * | Qualcomm |
| Processor family * | Qualcomm Snapdragon |
| Processor generation | Snapdragon X Plus (X1P) |
| Processor model * | X1P-42-100 |
| Processor cores | 8 |
| Processor frequency * | 3.24 GHz |
| Performance cores | 8 |

## Network

| | |
|---|---|
| Mobile network connection * | ✘ |
| Wi-Fi band | Tri-band (2.4 GHz / 5 GHz / 6 GHz) |
| Wi-Fi data rate (max) | 5760 Mbit/s |
| Antenna type | 2x2 |
| WLAN controller model | Qualcomm FastConnect 7800 |
| WLAN controller manufacturer | Qualcomm |
| Bluetooth | ✔ |

## Ports & interfaces

| | |
|---|---|
| USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * | 1 |
| USB4 Gen 3x2 ports quantity | 2 |
| Combo headphone/mic port | ✔ |
| Charging port type | USB Type-C |
| USB Type-C DisplayPort Alternate Mode | ✔ |

## Performance

| | |
|---|---|
| Ambient light sensor | ✔ |

## Keyboard

| | |
|---|---|
| Pointing device | Touchpad |
| Keyboard language | French |
| Numeric keypad * | ✘ |
| Keyboard backlit | ✔ |
| Keyboard number of keys | 80 |
| Copilot key | ✔ |

## Software

| | |
|---|---|
| Operating system architecture | 64-bit |

## Processor

| | |
|---|---|
| Performance-core Max Turbo Frequency | 3.42 GHz |
| Processor cache | 30 MB |

## Neural processor unit (NPU)

| | |
|---|---|
| Neural processor unit (NPU) | Qualcomm Hexagon |
| NPU performance up to | 45 TOPs |

## Memory

| | |
|---|---|
| Internal memory * | 16 GB |
| Internal memory type | LPDDR5x-SDRAM |
| Memory form factor | On-board |
| Maximum internal memory * | 16 GB |
| Memory data transfer rate | 8448 MT/s |

## Storage

| | |
|---|---|
| Total storage capacity * | 512 GB |
| Storage media * | SSD |
| Total SSDs capacity | 512 GB |
| Number of SSDs installed | 1 |
| SSD capacity | 512 GB |
| SSD memory type | TLC |
| SSD interface | PCI Express 4.0 |
| NVMe | ✔ |
| SSD form factor | M.2 |
| M.2 SSD size | 2230 (22 x 30 mm) |
| Optical drive type * | ✘ |
| Card reader integrated | ✔ |
| Compatible memory cards | MicroSD (TransFlash), MicroSDHC, MicroSDXC |

## Graphics

| | |
|---|---|
| Discrete graphics card model * | Not available |
| On-board graphics card * | ✔ |
| Discrete graphics card * | ✘ |
| On-board graphics card model * | Qualcomm Adreno GPU |

## Audio

| | |
|---|---|
| Audio chip | Qualcomm WCD9385 |
| Number of built-in speakers | 2 |
| Speaker power | 2 W |
| Built-in microphone | ✔ |
| Number of microphones | 2 |

## Camera

| | |
|---|---|
| Front camera | ✔ |
| Front camera resolution (numeric) | 2.07 MP |
| Front camera resolution | 1920 x 1080 pixels |
| Front camera HD type | Full HD |
| Infrared (IR) camera | ✔ |
| Privacy camera | ✔ |
| Privacy type | Privacy shutter |

## Network

| | |
|---|---|
| Top Wi-Fi standard * | Wi-Fi 7 (802.11be) |
| 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) |

## Software

| | |
|---|---|
| Trial software | Activate Your Microsoft 365 For A 30 Day Trial |
| Operating system installed * | Windows 11 Pro |

## Brand-specific features

| | |
|---|---|
| Brand specific technologies | Express Charge Boost capable, ExpressSign-In, Intelligent Privacy, TNR |

## Battery

| | |
|---|---|
| Battery technology | Lithium Polymer (LiPo) |
| Number of battery cells | 3 |
| Battery capacity * | 54 Wh |
| Battery voltage | 11.4 V |
| Fast charging | ✔ |
| Battery charge indicator | ✔ |
| Battery weight | 220 g |

## Power

| | |
|---|---|
| AC adapter power | 65 W |
| AC adapter frequency | 50 - 60 Hz |
| AC adapter input voltage | 100 - 240 V |
| USB Power Delivery (USB PD) * | ✔ |
| USB charging voltage | 5,9,15,20 V |
| USB charging current | 3.25 A |

## Security

| | |
|---|---|
| Fingerprint reader | ✔ |
| Trusted Platform Module (TPM) | ✔ |
| Trusted Platform Module (TPM) version | 2.0 |

## Operational conditions

| | |
|---|---|
| Operating temperature (T-T) | 0 - 35 °C |
| Storage temperature (T-T) | -30 - 65 °C |
| Operating relative humidity (H-H) | 10 - 90% |
| Storage relative humidity (H-H) | 0 - 95% |
| Operating altitude | -15.2 - 3048 m |
| Non-operating altitude | -15.2 - 10668 m |
| Operating shock | 110 G |
| Non-operating shock | 160 G |
| Operating vibration | 0.66 G |
| Non-operating vibration | 1.3 G |

## Certificates

| | |
|---|---|
| Compliance certificates | EcoDesign |

## Weight & dimensions

| | |
|---|---|
| Width | 314 mm |
| Depth | 223.8 mm |
| Height | 17.9 mm |
| Height (front) | 1.51 cm |
| Height (rear) | 1.6 cm |
| Weight * | 1.53 kg |

## Packaging content

| | |
|---|---|
| Cables included | AC |

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