**DELL**

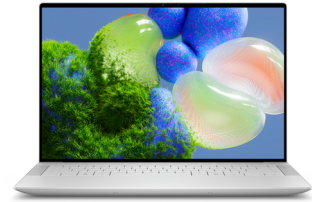# DELL XPS 14 9440 Intel Core Ultra 7 155H Laptop 36.8 cm (14.5") Full HD+ 16 GB LPDDR5x-SDRAM 512 GB SSD Wi-Fi 6E (802.11ax) Windows 11 Pro Platinum

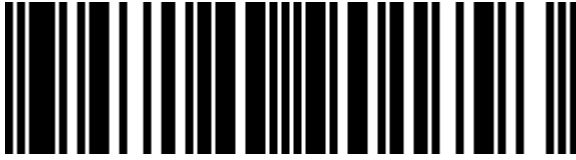**Brand :** DELL     **Product family:** XPS     **Product code:** 61NH3

**Product name :** 9440

DELL XPS 14 9440. Product type: Laptop, Form factor: Clamshell. Processor family: Intel Core Ultra 7, Processor model: 155H. Display diagonal: 36.8 cm (14.5"), 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: Intel Arc Graphics. Operating system installed: Windows 11 Pro. Product colour: Platinum. Weight: 1.68 kg

## Design

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

## Display

| | |
|---|---|
| Display diagonal * | 36.8 cm (14.5") |
| Display resolution * | 1920 x 1200 pixels |
| Touchscreen * | ✗ |
| HD type | Full HD+ |
| Panel type | IPS |
| LED backlight | ✔ |
| Native aspect ratio | 16:10 |
| Anti-glare screen | ✔ |
| Display brightness | 500 cd/m² |
| Pixel density | 156 ppi |
| RGB colour space | sRGB |
| Colour gamut | 100% |
| Maximum refresh rate | 120 Hz |
| Contrast ratio (typical) | 2000:1 |

## Processor

| | |
|---|---|
| Processor manufacturer * | Intel |
| Processor family * | Intel Core Ultra 7 |
| Processor generation | Intel® Core™ Ultra (Series 1) |
| Processor model * | 155H |
| Processor cores | 16 |
| Processor threads | 22 |
| Processor boost frequency | 4.8 GHz |
| Performance cores | 6 |
| Efficient cores | 8 |
| Low Power Efficient-cores | 2 |
| Performance-core Max Turbo Frequency | 4.8 GHz |
| Efficient-core Max Turbo Frequency | 3.8 GHz |
| Low Power Efficient-core Max Turbo Frequency | 2.5 GHz |
| Performance-core base frequency | 1.4 GHz |

## Audio

| | |
|---|---|
| Audio system | MaxxAudio |
| Number of built-in speakers | 2 |
| Speakers manufacturer | Waves |
| 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 |
| Video capturing speed | 30 fps |
| Infrared (IR) camera | ✔ |
| Privacy camera | ✔ |
| Privacy type | Privacy shutter |

## Network

| | |
|---|---|
| Top Wi-Fi standard * | Wi-Fi 6E (802.11ax) |
| Wi-Fi standards | 802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6E (802.11ax) |
| Mobile network connection * | ✗ |
| Wi-Fi data rate (max) | 2400 Mbit/s |
| Antenna type | 2x2 |
| WLAN controller model | Intel Wi-Fi 6E AX211 |
| WLAN controller manufacturer | Intel |
| Bluetooth | ✔ |

## Ports & interfaces

| | |
|---|---|
| Thunderbolt 4 ports quantity | 3 |
| Intel® Thunderbolt 4 | ✔ |
| Combo headphone/mic port | ✔ |
| USB Type-C DisplayPort Alternate Mode | ✔ |

## Performance

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

## Processor

| | |
|---|---|
| Efficient-core base frequency | 0.9 GHz |
| Low Power Efficient-core Base Frequency | 700 MHz |
| Processor cache | 24 MB |
| Processor cache type | Smart Cache |
| Processor base power | 28 W |
| Maximum turbo power | 115 W |

## Neural processor unit (NPU)

| | |
|---|---|
| Neural processor unit (NPU) | Intel AI Boost |
| Maximum frequency NPU | 1.4 GHz |
| Sparsity support | ✔ |
| Windows Studio effects support | ✔ |
| AI datatype support on NPU | FP16, FP32, Int8 |
| AI software frameworks supported by NPU | DirectML, ONNX RT, OpenVINO, Windows ML |

## Memory

| | |
|---|---|
| Internal memory * | 16 GB |
| Internal memory type | LPDDR5x-SDRAM |
| Memory form factor | On-board |
| Maximum internal memory * | 16 GB |
| Memory channels | Dual-channel |
| Memory data transfer rate | 6400 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 interface | PCI Express 4.0 |
| NVMe | ✔ |
| SSD form factor | M.2 |
| Optical drive type * | ✘ |
| Card reader integrated | ✔ |
| Compatible memory cards | MicroSD (TransFlash), MicroSDHC, MicroSDXC |

## Graphics

| | |
|---|---|
| Discrete graphics card model * | Not available |
| On-board graphics card * | ✔ |
| On-board GPU manufacturer | Intel |
| Discrete graphics card * | ✘ |
| On-board graphics card family | Intel Arc Graphics |
| On-board graphics card model * | Intel Arc Graphics |

## Keyboard

| | |
|---|---|
| Pointing device | Touchpad |
| Keyboard language | Nordic |
| Numeric keypad * | ✘ |
| Keyboard backlit | ✔ |

## Software

| | |
|---|---|
| Operating system architecture | 64-bit |
| Operating system language | Danish, English, Finnish, Norwegian, Swedish |
| Trial software | McAfee Business Protection 1-year,No Microsoft Office License Included - 30 day Trial Offer Only |
| Operating system installed * | Windows 11 Pro |

## Battery

| | |
|---|---|
| Battery technology | Lithium Polymer (LiPo) |
| Number of battery cells | 6 |
| Battery capacity * | 70 Wh |
| Battery voltage | 11.7 V |
| Battery recharge time | 4 h |
| Fast charging | ✔ |
| Battery weight | 270 g |

## Power

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

## Security

| | |
|---|---|
| Fingerprint reader | ✔ |

## Operational conditions

| | |
|---|---|
| Operating temperature (T-T) | 0 - 35 °C |
| Storage temperature (T-T) | -40 - 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 |

## Weight & dimensions

| | |
|---|---|
| Width | 320 mm |
| Depth | 216 mm |
| Height (front) | 6.7 mm |
| Height (rear) | 1.8 cm |
| Weight * | 1.68 kg |

## Packaging content

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

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