



DELL Pro Rugged 14 RB14250 Intel Core Ultra 7 165U Laptop 35.6 cm (14") Full HD 16 GB DDR5-SDRAM 512 GB SSD Wi-Fi 6E (802.11ax) Windows 11 Pro Black



Brand : DELL

Product code: MC9P0

Product name : Pro Rugged 14 RB14250

- Windows 11 Pro 64-bit
 - Intel Core Ultra 7 165U (12MB Cache)
 - 35.6 cm (14") Full HD 1920 x 1080 WVA
 - 16GB DDR5-SDRAM (2 x 8) & 512GB SSD
- Intel Core Ultra 7 165U (12MB Cache), 16GB DDR5-SDRAM, 512GB SSD, 35.6 cm (14") Full HD 1920 x 1080 WVA, Intel Graphics, LAN, WLAN, Webcam, Windows 11 Pro 64-bit

DELL Pro Rugged 14 RB14250 Intel Core Ultra 7 165U Laptop 35.6 cm (14") Full HD 16 GB DDR5-SDRAM 512 GB SSD Wi-Fi 6E (802.11ax) Windows 11 Pro Black:

AI performance in the field

14 inch semi-rugged laptop that's lightweight and features Intel® Core™ Ultra processors for AI performance in the field.

DELL Pro Rugged 14 RB14250. Product type: Laptop, Form factor: Clamshell. Processor family: Intel Core Ultra 7, Processor model: 165U. Display diagonal: 35.6 cm (14"), HD type: Full HD, Display resolution: 1920 x 1080 pixels. Internal memory: 16 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 512 GB, Storage media: SSD. On-board graphics card model: Intel® Graphics. Operating system installed: Windows 11 Pro. Product colour: Black. Weight: 2.04 kg

| Design | | Audio | |
|---------------------------|-------------------------------|---|--|
| Product type * | Laptop | Number of built-in speakers | 2 |
| Product colour * | Black | Speaker power | 2 W |
| Form factor * | Clamshell | Built-in microphone | ✓ |
| Rugged design | ✓ | Number of microphones | 2 |
| Display | | Camera | |
| Display diagonal * | 35.6 cm (14") | Front camera | ✓ |
| Display resolution * | 1920 x 1080 pixels | Front camera resolution (numeric) | 0.92 MP |
| Touchscreen * | ✗ | Front camera resolution | 1280 x 720 pixels |
| HD type | Full HD | Front camera HD type | HD |
| Panel type | WVA | Video capturing speed | 30 fps |
| Native aspect ratio | 16:9 | Network | |
| Anti-glare screen | ✓ | Top Wi-Fi standard * | Wi-Fi 6E (802.11ax) |
| Display brightness | 400 cd/m ² | Wi-Fi standards | Wi-Fi 5 (802.11ac), 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 6E (802.11ax) |
| Pixel density | 157 ppi | Mobile network connection * | ✗ |
| RGB colour space | sRGB | Antenna type | 2x2 |
| Colour gamut | 100% | WLAN controller model | Intel Wi-Fi 6E AX211 |
| Low Blue Light technology | ✓ | WLAN controller manufacturer | Intel |
| Maximum refresh rate | 60 Hz | Ethernet LAN | ✓ |
| Contrast ratio (typical) | 1500:1 | Ethernet LAN data rates | 10,100,1000 Mbit/s |
| Processor | | Bluetooth | ✓ |
| Processor manufacturer * | Intel | Ports & interfaces | |
| Processor family * | Intel Core Ultra 7 | USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * | 2 |
| Processor generation | Intel® Core™ Ultra (Series 1) | Ethernet LAN (RJ-45) ports | 1 |
| Processor model * | 165U | HDMI ports quantity * | 1 |
| Processor cores | 12 | HDMI version | 2.1 |
| Processor threads | 14 | Thunderbolt 4 ports quantity | 1 |
| Processor boost frequency | 4.9 GHz | Intel® Thunderbolt 4 | ✓ |
| Performance cores | 2 | | |
| Efficient cores | 8 | | |
| Low Power Efficient-cores | 2 | | |

| | | | |
|--|--|---------------------------------------|----------------|
| Processor | | Ports & interfaces | |
| Performance-core Max Turbo Frequency | 4.9 GHz | Combo headphone/mic port | ✓ |
| Efficient-core Max Turbo Frequency | 3.8 GHz | USB Type-C DisplayPort Alternate Mode | ✓ |
| Low Power Efficient-core Max Turbo Frequency | 2.1 GHz | Performance | |
| Performance-core base frequency | 1.7 GHz | Hall sensor | ✓ |
| Efficient-core base frequency | 1.2 GHz | Keyboard | |
| Low Power Efficient-core Base Frequency | 700 MHz | Pointing device | Touchpad |
| Processor cache | 12 MB | Numeric keypad * | ✗ |
| Processor cache type | Smart Cache | Keyboard backlit | ✓ |
| Processor base power | 15 W | Keyboard backlit colour | RGB |
| Maximum turbo power | 57 W | Copilot key | ✓ |
| Neural processor unit (NPU) | | Software | |
| Neural processor unit (NPU) | Intel AI Boost | Operating system architecture | 64-bit |
| Sparsity support | ✓ | Operating system installed * | Windows 11 Pro |
| Windows Studio effects support | ✓ | Battery | |
| AI software frameworks supported by NPU | DirectML, ONNX RT, OpenVINO, Windows ML | Number of battery cells | 3 |
| Memory | | Battery capacity * | 53.5 Wh |
| Internal memory * | 16 GB | Battery voltage | 11.4 V |
| Internal memory type | DDR5-SDRAM | Battery recharge time | 2 h |
| Memory form factor | SO-DIMM | Fast charging | ✓ |
| Memory layout (slots x size) | 2 x 8 GB | Battery weight | 265 g |
| Memory slots | 2x SO-DIMM | Power | |
| Maximum internal memory * | 64 GB | AC adapter power | 65 W |
| Memory data transfer rate | 5600 MT/s | AC adapter frequency | 50 - 60 Hz |
| Non-ECC | ✓ | AC adapter input voltage | 100 - 240 V |
| Storage | | AC adapter output current | 1.7 A |
| Total storage capacity * | 512 GB | AC adapter output voltage | 20 V |
| Storage media * | SSD | USB Type-C charging port * | ✓ |
| Total SSDs capacity | 512 GB | USB Power Delivery (USB PD) | ✓ |
| Number of SSDs installed | 1 | USB charging voltage | 5,9,15,20 V |
| SSD capacity | 512 GB | USB charging current | 3.25 A |
| SSD interface | PCI Express 4.0 | Security | |
| NVMe | ✓ | Trusted Platform Module (TPM) | ✓ |
| SSD form factor | M.2 | Trusted Platform Module (TPM) version | 2.0 |
| SSD performance class | 35 | Operational conditions | |
| M.2 SSD size | 2230 (22 x 30 mm) | Operating temperature (T-T) | -29 - 63 °C |
| Optical drive type * | ✗ | Storage temperature (T-T) | -51 - 71 °C |
| Card reader integrated | ✓ | Operating relative humidity (H-H) | 10 - 95% |
| Compatible memory cards | MicroSD (TransFlash), MicroSDHC, MicroSDXC | Storage relative humidity (H-H) | 5 - 95% |
| Graphics | | Operating altitude | 0 - 12192 m |
| Discrete graphics card model * | Not available | Non-operating altitude | 0 - 12192 m |
| On-board graphics card * | ✓ | Operating shock | 160 G |
| On-board GPU manufacturer | Intel | Non-operating shock | 185 G |
| Discrete graphics card * | ✗ | Operating vibration | 1.08 G |
| On-board graphics card family | Intel® Graphics | Non-operating vibration | 7.7 G |
| On-board graphics card model * | Intel® Graphics | Weight & dimensions | |
| Audio | | Width | 340 mm |
| Audio chip | Realtek ALC3254 | Depth | 200 mm |
| | | Height | 33.6 mm |
| | | Weight * | 2.04 kg |
| | | Packaging content | |
| | | AC adapter included * | ✓ |



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Catalog Object Cloud



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