



**DELL 16
Premium
DA16250 Intel
Core Ultra 7
255H Laptop
41.4 cm (16.3")
WUXGA 16 GB
LPDDR5x-
SDRAM SSD
NVIDIA®
GeForce RTX™
5050 Wi-Fi 7
(802.11be)
Windows 11 Pro
English Platinum**

Model: DA16250_ARLH_003

Manufacturer: DELL

Product Code: 1186888

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R42,419

Low Power Efficient-core Max Turbo Frequency: 2.5 GHz | Windows Studio effects support: Yes | Neural processor unit (NPU): Intel AI Boost | PAIA version: PAIA 1.4.7, 2025 | NPU performance up to: 13 TOPs | Low Power Efficient-cores: 2 | Low Power Efficient-core Base Frequency: 700 MHz | Sparsity support: Yes | Carbon emissions, logistics (kg of CO2e): 18.56 | Operating system architecture: 64-bit | Product type: Laptop | Carbon emissions, manufacturing (kg of CO2e): 294.11 | Panel type: WVA | Fingerprint reader: Yes | Depth: 240.1 mm | Contrast ratio (typical): 2000:1 | Total carbon footprint (kg of CO2e): 364 | Display brightness: 500 cd/m² | Discrete graphics card: Yes | Carbon emissions, end-of-life (kg of CO2e): 2.18 | Battery capacity: 99.5 Wh | Operating system installed: Windows 11 Pro | Thunderbolt 4 ports quantity: 3 | Efficient-core Max Turbo Frequency: 4.4 GHz | Total carbon emissions, standard deviation (kg of CO2e): 66 | Processor generation: Intel Core Ultra (Series 2) | AC adapter power: 130 W | USB charging voltage: 20 V | Carbon emissions, energy usage (kg of CO2e): 49.14 | Performance cores: 6 | USB charging voltage: 9 | USB charging voltage: 15 | USB charging voltage: 5 | Intel® Thunderbolt 4: Yes | Maximum turbo power: 115 W | Efficient cores: 8 | On-board graphics card family: Intel Arc Graphics | Performance-core base frequency: 2 GHz | Touchscreen: No | USB charging current: 3 A | Display bezel technology: InfinityEdge | Ambient light sensor: Yes | Number of battery cells: 6 | Colour gamut: 100% | USB Power Delivery (USB PD): Yes | Discrete graphics memory type: GDDR7 | SSD capacity: 1 TB | AC adapter frequency: 50/60 Hz | Battery recharge time: 2 h | Non-operating altitude: -15.2 - 10668 m | Operating vibration: 0.66 G | Total SSDs capacity: 1 TB | SSD interface: PCI Express 4.0 | Efficient-core base frequency: 1.5 GHz | USB Type-C DisplayPort Alternate Mode: Yes | Wi-Fi band: Tri-band (2.4 GHz / 5 GHz / 6 GHz) | NVMe: Yes | SSD form factor: M.2 | Front camera HD type: Full HD | Pixel density: 139 ppi | WLAN controller manufacturer: Intel | WLAN controller model: Intel Wi-Fi 7 BE201 | Operating shock: 110 G | Front camera resolution: 1920 x 1080 pixels | Height (rear): 1.87 cm | Memory data transfer rate: 7467 MT/s | Brand specific technologies: Express Charge Boost capable | Low Blue Light technology: Yes | Anti-glare screen: Yes | Mobile network connection: No | Infrared (IR) camera: Yes | Maximum refresh rate: 120 Hz | Front camera resolution (numeric): 2.07 MP | Processor base power: 28 W | Non-operating shock: 160 G | Video capturing speed: 30 fps | Non-operating vibration: 1.3 G | Discrete GPU manufacturer: NVIDIA | Number of SSDs installed: 1 | Speakers manufacturer: Waves | Number

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of built-in speakers: 4 | Keyboard backlit: Yes | Battery weight: 380 g | Display response rise/fall: 35 ms | Height (front): 6.64 mm | Fast charging: Yes | On-board GPU manufacturer: Intel | Performance-core Max Turbo Frequency: 5.1 GHz | AI software frameworks supported by NPU: ONNX RT | AI software frameworks supported by NPU: WebNN | GPU performance up to: 74 TOPs | AI software frameworks supported by NPU: Windows ML | AI software frameworks supported by NPU: DirectML | AI software frameworks supported by NPU: OpenVINO | USB Type-C required charging power (max): 130 W | Total processor performance up to: 96 TOPs | USB Type-C charging port: Yes | USB Type-C required charging power (min): 45 W | Wi-Fi standards: 802.11g | Width: 358.2 mm | Trial software: McAfee Business Protection 1-year, Activate Your Microsoft 365 For A 30 Day Trial | Weight: 2.29 kg | Wi-Fi standards: Wi-Fi 4 (802.11n) | Storage media: SSD | Wi-Fi standards: 802.11b | Internal memory type: LPDDR5x-SDRAM | Front camera: Yes | Optical drive type: No | AC adapter input voltage: 100 - 240 V | Storage relative humidity (H-H): 0 - 95% | Wi-Fi standards: Wi-Fi 5 (802.11ac) | Wi-Fi standards: Wi-Fi 7 (802.11be) | Processor threads: 16 | Processor cache: 24 MB | Operating relative humidity (H-H): 10 - 90% | Operating temperature (T-T): 0 - 35 °C | Combo headphone/mic port: Yes | Ethernet LAN: No | Internal memory: 16 GB | Compatible memory cards: MicroSD (TransFlash) | Product colour: Platinum | Battery technology: Lithium-Ion (Li-Ion) | Display resolution: 1920 x 1200 pixels | Memory channels: Dual-channel | Compatible memory cards: MicroSDXC | Numeric keypad: No | Antenna type: 2x2 | Motherboard chipset: Intel SoC | Operating altitude: -15.2 - 3048 m | Wi-Fi standards: 802.11a | Wi-Fi standards: Wi-Fi 6 (802.11ax) | Processor family: Intel Core Ultra 7 | Discrete graphics card memory: 8 GB | Processor model: 255H | Audio system: MaxxAudio Pro | Top Wi-Fi standard: Wi-Fi 7 (802.11be) | Compatible memory cards: MicroSDHC | On-board graphics card: Yes | Processor boost frequency: 5.1 GHz | Pointing device: Touchpad | Processor cores: 16 | Discrete graphics card model: NVIDIA® GeForce RTX™ 5050 | Battery voltage: 11.7 V | On-board graphics card model: Intel Arc 140T | Display diagonal: 41.4 cm (16.3") | Bluetooth: Yes | Audio chip: Cirrus Logic CS42L43 | AC adapter included: Yes | Maximum internal memory: 16 GB | Card reader integrated: Yes | Built-in microphone: Yes | Processor manufacturer: Intel | Wi-Fi data rate (max): 5800 Mbit/s | HD type: WUXGA | Native aspect ratio: 16:10 | Storage temperature (T-T): -40 - 65 °C | Memory form factor: On-board

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