



DELL Pro Max 16 MC16250 Intel Core Ultra 7 265H Mobile workstation 40.6 cm (16") Full HD+ 16 GB DDR5-SDRAM 512 GB SSD NVIDIA RTX PRO 500 Blackwell Wi-Fi 7 (802.11be) Windows 11 Pro UK English Black



Brand : DELL

Product family: Pro

Product code: Y0R4X

Product name : MC16250

- Windows 11 Pro 64-bit
 - Intel Core Ultra 7 265H (24MB Cache)
 - 40.6 cm (16") Full HD+ 1920 x 1200 WVA, NVIDIA RTX PRO 500 Blackwell (6GB GDDR7)
 - 16GB DDR5-SDRAM (2 x 8) & 512GB SSD
- Intel Core Ultra 7 265H (24MB Cache), 16GB DDR5-SDRAM, 512GB SSD, 40.6 cm (16") Full HD+ 1920 x 1200 WVA, Intel Arc 140T, NVIDIA RTX PRO 500 Blackwell (6GB GDDR7), LAN, WLAN, Webcam, Windows 11 Pro 64-bit

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Dell Pro Max 16 laptop merges exceptional performance with a large display. Designed for power users and light design applications in the office or on the go.

| Design | | Camera | |
|-----------------------------------|-----------------------------|---|---|
| Colour name | Magnetite | Front camera HD type | Full HD |
| Product type * | Mobile workstation | Video capturing speed | 30 fps |
| Product colour * | Black | Infrared (IR) camera | ✓ |
| Form factor * | Clamshell | Privacy camera | ✓ |
| Market positioning | Business | Privacy type | Privacy shutter |
| Intel® vPro™ Platform Eligibility | ✓ | Network | |
| Display | | Top Wi-Fi standard * | Wi-Fi 7 (802.11be) |
| Display diagonal * | 40.6 cm (16") | 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) |
| Display resolution * | 1920 x 1200 pixels | Mobile network connection * | ✗ |
| Touchscreen * | ✗ | Wi-Fi band | Tri-band (2.4 GHz / 5 GHz / 6 GHz) |
| HD type | Full HD+ | Antenna type | 2x2 |
| Panel type | WVA | WLAN controller model | Intel Wi-Fi 7 BE201 |
| Native aspect ratio | 16:10 | WLAN controller manufacturer | Intel |
| Anti-glare screen | ✓ | Ethernet LAN | ✓ |
| Display brightness | 300 cd/m ² | Ethernet LAN data rates | 10,100,1000 Mbit/s |
| Pixel density | 142 ppi | Bluetooth | ✓ |
| Display diagonal (metric) | 40.646 cm | WWAN | Upgradable |
| RGB colour space | NTSC | Ports & interfaces | |
| Colour gamut | 45% | USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * | 2 |
| Maximum refresh rate | 60 Hz | Ethernet LAN (RJ-45) ports | 1 |
| Contrast ratio (typical) | 1000:1 | HDMI ports quantity * | 1 |
| Processor | | HDMI version | 2.1 |
| Processor manufacturer * | Intel | Thunderbolt 4 ports quantity | 2 |
| Processor family * | Intel Core Ultra 7 | Intel® Thunderbolt 4 | ✓ |
| Processor generation | Intel Core Ultra (Series 2) | Combo headphone/mic port | ✓ |
| Processor model * | 265H | USB Type-C DisplayPort Alternate Mode | ✓ |
| Processor cores | 16 | PowerShare | ✓ |
| Processor threads | 16 | Performance | |
| Processor boost frequency | 5.3 GHz | Motherboard chipset | Intel SoC |
| Performance cores | 6 | | |
| Efficient cores | 8 | | |
| Low Power Efficient-cores | 2 | | |

| | | | |
|--|--|--|--|
| Processor | | Performance | |
| Performance-core Max Turbo Frequency | 5.3 GHz | Accelerometer | ✓ |
| Efficient-core Max Turbo Frequency | 4.5 GHz | Hall sensor | ✓ |
| Low Power Efficient-core Max Turbo Frequency | 2.5 GHz | Keyboard | |
| Performance-core base frequency | 2.2 GHz | Pointing device | Touchpad |
| Efficient-core base frequency | 1.7 GHz | Numeric keypad * | ✓ |
| Low Power Efficient-core Base Frequency | 700 MHz | Keyboard backlit | ✓ |
| Processor cache | 24 MB | Keyboard language | UK English |
| Processor base power | 28 W | Copilot key | ✓ |
| Maximum turbo power | 115 W | Software | |
| Neural processor unit (NPU) | | Operating system architecture | 64-bit |
| Neural processor unit (NPU) | Intel AI Boost | Trial software | Activate Your Microsoft 365 For A 30 Day Trial |
| Sparsity support | ✓ | Operating system installed * | Windows 11 Pro |
| Windows Studio effects support | ✓ | Brand-specific features | |
| AI software frameworks supported by NPU | DirectML, OpenVINO, Windows ML, ONNX RT, WebNN | Brand specific technologies | Control Vault 3+, HDR Camera, Express Charge Boost capable |
| Total processor performance up to | 97 TOPs | Battery | |
| NPU performance up to | 13 TOPs | Battery technology | Lithium Polymer (LiPo) |
| GPU performance up to | 75 TOPs | Number of battery cells | 6 |
| Memory | | Battery capacity * | 96 Wh |
| Internal memory * | 16 GB | Battery voltage | 11.7 V |
| Internal memory type | DDR5-SDRAM | Battery recharge time | 3 h |
| Memory form factor | SO-DIMM | Fast charging | ✓ |
| Memory layout (slots x size) | 2 x 8 GB | Battery weight | 351 g |
| Memory slots | 2x SO-DIMM | Power | |
| Maximum internal memory * | 64 GB | AC adapter power | 130 W |
| Memory channels | Dual-channel | AC adapter frequency | 50/60 Hz |
| Memory data transfer rate | 5600 MT/s | AC adapter input voltage | 100 - 240 V |
| Non-ECC | ✓ | USB Type-C charging port * | ✓ |
| Storage | | USB Type-C required charging power (min) * | 45 W |
| Total storage capacity * | 512 GB | USB Type-C required charging power (max) * | 130 W |
| Storage media * | SSD | USB Power Delivery (USB PD) | ✓ |
| Total SSDs capacity | 512 GB | USB charging voltage | 20,5,9,15 V |
| Number of SSDs installed | 1 | Security | |
| SSD capacity | 512 GB | Cable lock slot | ✓ |
| SSD interface | PCI Express 4.0 | Cable lock slot type | Wedge |
| NVMe | ✓ | Fingerprint reader | ✓ |
| SSD form factor | M.2 | Smart card reader | ✓ |
| SSD performance class | 35 | Trusted Platform Module (TPM) | ✓ |
| M.2 SSD size | 2230 (22 x 30 mm) | Trusted Platform Module (TPM) version | 2.0 |
| Optical drive type * | ✗ | Operational conditions | |
| Card reader integrated | ✓ | Operating temperature (T-T) | 0 - 35 °C |
| Compatible memory cards | MicroSD (TransFlash), MicroSDHC, MicroSDXC | Storage temperature (T-T) | -40 - 65 °C |
| Graphics | | Operating relative humidity (H-H) | 10 - 90% |
| Discrete GPU manufacturer | NVIDIA | Storage relative humidity (H-H) | 0 - 95% |
| Discrete graphics card model * | NVIDIA RTX PRO 500 Blackwell | Operating altitude | -15.2 - 3048 m |
| Discrete graphics card memory | 6 GB | Non-operating altitude | -15.2 - 10668 m |
| Discrete graphics memory type | GDDR7 | Operating shock | 110 G |
| On-board graphics card * | ✓ | Non-operating shock | 160 G |
| On-board GPU manufacturer | Intel | Operating vibration | 0.66 G |
| Discrete graphics card * | ✓ | Non-operating vibration | 1.3 G |
| On-board graphics card family | Intel Arc Graphics | Audio | |
| On-board graphics card model * | Intel Arc 140T | Audio chip | Realtek ALC3329 |

| Audio | | Sustainability | |
|-----------------------------------|--------------------|--|--|
| Audio system | MaxxAudio Pro | Sustainability certificates | ENERGY STAR, EPEAT Climate +, EPEAT Gold |
| Number of built-in speakers | 2 | Weight & dimensions | |
| Speakers manufacturer | Waves | Width | 358 mm |
| Speaker power | 2.5 W | Depth | 256 mm |
| Built-in microphone | ✓ | Height (front) | 1.51 cm |
| Number of microphones | 2 | Height (rear) | 1.91 cm |
| Camera | | Weight * | 2.1 kg |
| Front camera | ✓ | Carbon footprint | |
| Front camera resolution (numeric) | 2.07 MP | Total carbon footprint (kg of CO2e) | 118 |
| Front camera resolution | 1920 x 1080 pixels | Carbon emissions, manufacturing (kg of CO2e) | 85.196 |
| | | Carbon emissions, logistics (kg of CO2e) | 6.136 |
| | | Carbon emissions, energy usage (kg of CO2e) | 25.488 |
| | | Carbon emissions, end-of-life (kg of CO2e) | 1.3 |
| | | PAIA version | GaBi version 1, 2024 |
| | | Packaging content | |
| | | AC adapter included * | ✓ |
| | | Cables included | AC |



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Catalog Object Cloud



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