



**DELL Pro Max 18 Plus MB18250 Intel Core Ultra 7 265HX Mobile workstation 45.7 cm (18") Quad HD+ 32 GB DDR5-SDRAM 1 TB SSD NVIDIA RTX PRO 3000 Blackwell Wi-Fi 7 (802.11be) Windows 11 Pro UK English Black**



**Brand :** DELL

**Product family:** Pro Max

**Product code:** V0TN9

**Product name :** MB18250

- Windows 11 Pro 64-bit
  - Intel Core Ultra 7 265HX (30MB Cache)
  - 45.7 cm (18") Quad HD+ 2560 x 1600 WVA, NVIDIA RTX PRO 3000 Blackwell (12GB GDDR7)
  - 32GB DDR5-SDRAM (2 x 16) & 1000GB SSD
- Intel Core Ultra 7 265HX (30MB Cache), 32GB DDR5-SDRAM, 1000GB SSD, 45.7 cm (18") Quad HD+ 2560 x 1600 WVA, Intel Graphics, NVIDIA RTX PRO 3000 Blackwell (12GB GDDR7), LAN, Webcam, Windows 11 Pro 64-bit

DELL Pro Max 18 Plus MB18250 Intel Core Ultra 7 265HX Mobile workstation 45.7 cm (18") Quad HD+ 32 GB DDR5-SDRAM 1 TB SSD NVIDIA RTX PRO 3000 Blackwell Wi-Fi 7 (802.11be) Windows 11 Pro UK English Black:

**Exceptional power. Elevated performance.**

Maximise power and productivity with Dell Pro Max 18 Plus, a powerful, modern 18-inch laptop that combines exceptional screen space and performance with scalability and advanced on-device AI.

| Design                               |                             | Camera  |                                    |
|--------------------------------------|-----------------------------|---|------------------------------------|
| Colour name                          | Magnetite                   | Privacy camera                                    | ✓                                  |
| Product type *                       | Mobile workstation          | Privacy type                                      | Privacy shutter                    |
| Product colour *                     | Black                       | <b>Network</b>                                    |                                    |
| Form factor *                        | Clamshell                   | Top Wi-Fi standard *                              | Wi-Fi 7 (802.11be)                 |
| <b>Display</b>                       |                             | Mobile network connection *                       | ✗                                  |
| Display diagonal *                   | 45.7 cm (18")               | Wi-Fi band  | Tri-band (2.4 GHz / 5 GHz / 6 GHz) |
| Display resolution *                 | 2560 x 1600 pixels          | Wi-Fi data rate (max)                             | 5760 Mbit/s                        |
| Touchscreen *                        | ✗                           | WLAN controller model                             | Intel Wi-Fi 7 BE200                |
| HD type                              | Quad HD+                    | WLAN controller manufacturer                      | Intel                              |
| Panel type                           | WVA                         | Ethernet LAN                                      | ✓                                  |
| Display technology marketing name    | ComfortView Plus            | Ethernet LAN data rates                           | 10,1000,2500,100 Mbit/s            |
| Native aspect ratio                  | 16:10                       | Bluetooth   | ✓                                  |
| Anti-glare screen                    | ✓                           | Near Field Communication (NFC)                    | ✓                                  |
| Display brightness                   | 500 cd/m <sup>2</sup>       | <b>Ports &amp; interfaces</b>                     |                                    |
| Pixel density                        | 168 ppi                     | USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * | 2                                  |
| RGB colour space                     | DCI-P3                      | HDMI ports quantity *                             | 1                                  |
| Colour gamut                         | 100%                        | HDMI version                                      | 2.1                                |
| Display response rise/fall           | 30 ms                       | Thunderbolt 4 ports quantity                      | 1                                  |
| Maximum refresh rate                 | 120 Hz                      | Thunderbolt 5 ports quantity                      | 2                                  |
| Contrast ratio (typical)             | 1000:1                      | Intel® Thunderbolt 4                              | ✓                                  |
| <b>Processor</b>                     |                             | Intel® Thunderbolt 5                              | ✓                                  |
| Processor manufacturer *             | Intel                       | Combo headphone/mic port                          | ✓                                  |
| Processor family *                   | Intel Core Ultra 7          | USB Type-C DisplayPort Alternate Mode             | ✓                                  |
| Processor generation                 | Intel Core Ultra (Series 2) | PowerShare  | ✓                                  |
| Processor model *                    | 265HX                       | <b>Performance</b>                                |                                    |
| Processor cores                      | 20                          | Ambient light sensor                              | ✓                                  |
| Processor threads                    | 20                          | Accelerometer                                     | ✓                                  |
| Processor boost frequency            | 5.3 GHz                     | Hall sensor                                       | ✓                                  |
| Performance cores                    | 8                           |   |                                    |
| Efficient cores                      | 12                          |   |                                    |
| Performance-core Max Turbo Frequency | 5.3 GHz                     |   |                                    |

|   |  |  |   |
|---|--|--|---|
| <b>Processor</b>                        |  | <b>Keyboard</b>                            |   |
| Efficient-core Max Turbo Frequency      | 4.6 GHz  | Pointing device                            | Touchpad  |
| Performance-core base frequency         | 2.6 GHz  | Numeric keypad *                           | ✓   |
| Efficient-core base frequency           | 2.3 GHz  | Keyboard backlit                           | ✓   |
| Processor cache                         | 30 MB  | Keyboard language                          | UK English  |
| Processor base power                    | 55 W   | Copilot key                                | ✓   |
| Maximum turbo power                     | 160 W  | <b>Software</b>                            |   |
| <b>Neural processor unit (NPU)</b>      |  | 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          | ✓  | <b>Brand-specific features</b>             |   |
| AI software frameworks supported by NPU | DirectML, OpenVINO, Windows ML, ONNX RT, WebNN | Brand specific technologies                | Control Vault 3+, Express Charge Boost capable, TNR |
| Total processor performance up to       | 33 TOPs  | <b>Battery</b>                             |   |
| NPU performance up to                   | 13 TOPs  | Battery technology                         | Lithium-Ion (Li-Ion)                                |
| GPU performance up to                   | 8 TOPs   | Number of battery cells                    | 6   |
| <b>Memory</b>                           |  | Battery capacity *                         | 96 Wh   |
| Internal memory *                       | 32 GB  | Battery voltage                            | 11.7 V  |
| Internal memory type                    | DDR5-SDRAM                                     | Battery recharge time                      | 3 h   |
| Memory layout (slots x size)            | 2 x 16 GB                                      | Fast charging                              | ✓   |
| Memory slots                            | 2x CSODIMM                                     | <b>Power</b>                               |   |
| Maximum internal memory *               | 64 GB  | AC adapter power                           | 280 W   |
| Memory channels                         | Dual-channel                                   | AC adapter frequency                       | 50/60 Hz  |
| Memory data transfer rate               | 6400 MT/s                                      | AC adapter input voltage                   | 100 - 240 V   |
| Non-ECC                                 | ✓  | USB Type-C charging port *                 | ✓   |
| <b>Storage</b>                          |  | USB Type-C required charging power (min) * | 90 W  |
| Total storage capacity *                | 1 TB   | USB Power Delivery (USB PD)                | ✓   |
| Storage media *                         | SSD  | <b>Security</b>                            |   |
| Total SSDs capacity                     | 1 TB   | Cable lock slot                            | ✓   |
| Number of SSDs installed                | 1  | Cable lock slot type                       | Noble   |
| SSD capacity                            | 1 TB   | Fingerprint reader                         | ✓   |
| SSD interface                           | PCI Express 4.0                                | Smart card reader                          | ✓   |
| NVMe                                    | ✓  | Trusted Platform Module (TPM)              | ✓   |
| SSD form factor                         | M.2  | Trusted Platform Module (TPM) version      | 2.0   |
| Self-Encrypting Drive (SED)             | ✓  | Dell ControlVault                          | ✓   |
| Optical drive type *                    | ✗  | <b>Operational conditions</b>              |   |
| Card reader integrated                  | ✓  | Operating temperature (T-T)                | 0 - 35 °C   |
| Compatible memory cards                 | SD, SDHC, SDXC                                 | Storage temperature (T-T)                  | -40 - 65 °C   |
| <b>Graphics</b>                         |  | 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 3000 Blackwell                  | Operating altitude                         | -15.2 - 3048 m                                      |
| Discrete graphics card memory           | 12 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® Graphics                                | <b>Weight &amp; dimensions</b>             |   |
| On-board graphics card model *          | Intel® Graphics                                | Width                                      | 402 mm  |
| <b>Audio</b>                            |  | Depth                                      | 279.9 mm  |
| Audio chip                              | Cirrus Logic CS42L43                           | Height (front)                             | 1.79 cm   |
| Number of built-in speakers             | 2  | Height (rear)                              | 1.96 cm   |
| Speaker power                           | 2.5 W  | Weight *                                   | 3.25 kg   |
| Built-in microphone                     | ✓  | <b>Carbon footprint</b>                    |   |
| <b>Camera</b>                           |  | Total carbon footprint (kg of CO2e)        | 207   |
| Front camera                            | ✓  |  |   |
| Front camera resolution (numeric)       | 8.29 MP  |  |   |
| Front camera resolution                 | 1920 x 1080 pixels                             |  |   |

| Camera                |         | Carbon footprint                             |                      |
|-----------------------|---------|--|----------------------|
| Front camera HD type  | Full HD | Carbon emissions, manufacturing (kg of CO2e) | 152.56               |
| Video capturing speed | 30 fps  | Carbon emissions, logistics (kg of CO2e)     | 9.32                 |
| Infrared (IR) camera  | ✓       | Carbon emissions, energy usage (kg of CO2e)  | 37.26                |
|                       |         | Carbon emissions, end-of-life (kg of CO2e)   | 7.87                 |
|                       |         | PAIA version                                 | GaBi version 1, 2025 |
|                       |         | Packaging content                            |                      |
|                       |         | AC adapter included *                        | ✓                    |



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### Catalog Object Cloud



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