



**DELL Pro Max 16 MC16250 Intel Core Ultra 7 265H Mobile workstation 40.6 cm (16") Full HD+ 32 GB DDR5-SDRAM 1 TB SSD NVIDIA RTX PRO 500 Blackwell Wi-Fi 7 (802.11be) Windows 11 Pro UK English Black**



**Brand :** DELL

**Product family:** Pro

**Product code:** 2T66P

**Product name :** MC16250

- Windows 11 Pro 64-bit
- Intel Core Ultra 7 265H (24MB Cache)
- 16" Full HD+ 1920 x 1200 WVA, NVIDIA RTX PRO 500 Blackwell (6GB GDDR7)
- 32GB DDR5-SDRAM (2 x 16) & 1000GB SSD

Intel Core Ultra 7 265H (24MB Cache), 32GB DDR5-SDRAM, 1000GB SSD, 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

DELL Pro Max 16 MC16250 Intel Core Ultra 7 265H Mobile workstation 40.6 cm (16") Full HD+ 32 GB DDR5-SDRAM 1 TB SSD NVIDIA RTX PRO 500 Blackwell Wi-Fi 7 (802.11be) Windows 11 Pro UK English Black:

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 resolution (numeric)	2.07 MP
Product type *	Mobile workstation	Front camera resolution	1920 x 1080 pixels
Product colour *	Black	Front camera HD type	Full HD
Form factor *	Clamshell	Video capturing speed	30 fps
Market positioning	Business	Infrared (IR) camera	✓
Intel® vPro™ Platform Eligibility	✓	Privacy camera	✓
Certified refurbished	✗	Privacy type	Privacy shutter
Display		Network	
Display diagonal *	40.6 cm (16")	Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
Display resolution *	1920 x 1200 pixels	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)
Touchscreen *	✗	Mobile network connection *	✗
HD type	Full HD+	Wi-Fi band	Tri-band (2.4 GHz / 5 GHz / 6 GHz)
Panel type	WVA	Antenna type	2x2
Native aspect ratio	16:10	WLAN controller model	Intel Wi-Fi 7 BE201
Anti-glare screen	✓	WLAN controller manufacturer	Intel
Display brightness	300 cd/m <sup>2</sup>	Ethernet LAN	✓
Pixel density	142 ppi	Ethernet LAN data rates	10,100,1000 Mbit/s
RGB colour space	NTSC	Bluetooth	✓
Colour gamut	45%		
Maximum refresh rate	60 Hz	Ports & interfaces	
Contrast ratio (typical)	1000:1	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Processor		Ethernet LAN (RJ-45) ports	1
Processor manufacturer *	Intel	HDMI ports quantity *	1
Processor family *	Intel Core Ultra 7	HDMI version	2.1
Processor generation	Intel Core Ultra (Series 2)	Thunderbolt 4 ports quantity	2
Processor model *	265H	Intel® Thunderbolt 4	✓
Processor cores	16	Combo headphone/mic port	✓
Processor threads	16	USB Type-C DisplayPort Alternate Mode	✓
Processor boost frequency	5.3 GHz	PowerShare	✓
Performance cores	6		
Efficient cores	8		

<b>Processor</b>		<b>Performance</b>	
Low Power Efficient-cores	2	Motherboard chipset	Intel SoC
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	<b>Keyboard</b>	
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	<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	Express Charge Boost capable, Control Vault 3+, HDR Camera
Total processor performance up to	97 TOPs	<b>Battery</b>	
NPU performance up to	13 TOPs	Battery technology	Lithium Polymer (LiPo)
GPU performance up to	75 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 form factor	SO-DIMM	Fast charging	✓
Memory layout (slots x size)	2 x 16 GB	Battery weight	351 g
Memory slots	2x SO-DIMM	<b>Power</b>	
Maximum internal memory *	64 GB	USB Type-C charging port *	✓
Memory channels	Dual-channel	USB Type-C required charging power (min) *	45 W
Memory data transfer rate	5600 MT/s	USB Type-C required charging power (max) *	100 W
Non-ECC	✓	USB Power Delivery (USB PD)	✓
<b>Storage</b>		USB charging voltage	20,5,9,15 V
Total storage capacity *	1 TB	<b>Security</b>	
Storage media *	SSD	Cable lock slot	✓
Total SSDs capacity	1 TB	Cable lock slot type	Wedge
Number of SSDs installed	1	Fingerprint reader	✓
SSD capacity	1 TB	Smart card reader	✓
SSD memory type	TLC	Trusted Platform Module (TPM)	✓
SSD interface	PCI Express 4.0	Trusted Platform Module (TPM) version	2.0
NVMe	✓	Dell ControlVault	✓
SSD form factor	M.2	<b>Operational conditions</b>	
Self-Encrypting Drive (SED)	✓	Operating temperature (T-T)	0 - 35 °C
Optical drive type *	✗	Storage temperature (T-T)	-40 - 65 °C
Card reader integrated	✓	Operating relative humidity (H-H)	10 - 90%
Compatible memory cards	MicroSD (TransFlash), MicroSDHC, MicroSDXC	Storage relative humidity (H-H)	0 - 95%
<b>Graphics</b>		Operating altitude	-15.2 - 3048 m
Discrete GPU manufacturer	NVIDIA	Non-operating altitude	-15.2 - 10668 m
Discrete graphics card model *	NVIDIA RTX PRO 500 Blackwell	Operating shock	110 G
Discrete graphics card memory	6 GB	Non-operating shock	160 G
Discrete graphics memory type	GDDR7	Operating vibration	0.66 G
On-board graphics card *	✓	Non-operating vibration	1.3 G
On-board GPU manufacturer	Intel	<b>Sustainability</b>	
Discrete graphics card *	✓	Sustainability certificates	ENERGY STAR, EPEAT Gold
On-board graphics card family	Intel Arc Graphics		
On-board graphics card model *	Intel Arc 140T		

Audio		Weight & dimensions	
Audio chip	Realtek ALC3329	Width	358 mm
Audio system	MaxxAudio Pro	Depth	256 mm
Number of built-in speakers	2	Height (front)	1.51 cm
Speakers manufacturer	Waves	Height (rear)	1.91 cm
Speaker power	2.5 W	Weight *	2.1 kg
Built-in microphone	✓	<b>Carbon footprint</b>	
Number of microphones	2	Total carbon footprint (kg of CO2e)	118
<b>Camera</b>		Carbon emissions, manufacturing (kg of CO2e)	85.2
Front camera	✓	Carbon emissions, logistics (kg of CO2e)	6.14
		Carbon emissions, energy usage (kg of CO2e)	25.49
		Carbon emissions, end-of-life (kg of CO2e)	1.3
		PAIA version	GaBi version 1, 2024
		<b>Packaging content</b>	
		AC adapter included *	✗



5397184985830

### Catalog Object Cloud



Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity. Automated scraping, data mining, or harvesting for the purpose of training machine learning models, neural networks, or artificial intelligence systems is strictly prohibited without a commercial license.