



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 Belgian Black



Brand : DELL

Product family: Pro

Product code: 19GPD

Product name : MC16250

DELL Pro Max 16 MC16250. Product type: Mobile workstation, Form factor: Clamshell. Processor family: Intel Core Ultra 7, Processor model: 265H. Display diagonal: 40.6 cm (16"), HD type: Full HD+, Display resolution: 1920 x 1200 pixels. Internal memory: 16 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 512 GB, Storage media: SSD. On-board graphics card model: Intel Arc 140T, Discrete graphics card model: NVIDIA RTX PRO 500 Blackwell. Operating system installed: Windows 11 Pro. Product colour: Black

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/m²	Ethernet LAN	✓
Pixel density	142 ppi	Ethernet LAN data rates	10,100,1000 Mbit/s
RGB colour space	NTSC	Bluetooth	✓
Colour gamut	45%	Ports & interfaces	
Maximum refresh rate	60 Hz	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Contrast ratio (typical)	1000:1	Ethernet LAN (RJ-45) ports	1
Processor		HDMI ports quantity *	1
Processor manufacturer *	Intel	HDMI version	2.1
Processor family *	Intel Core Ultra 7	Thunderbolt 4 ports quantity	2
Processor generation	Intel Core Ultra (Series 2)	Intel® Thunderbolt 4	✓
Processor model *	265H	Combo headphone/mic port	✓
Processor cores	16	USB Type-C DisplayPort Alternate Mode	✓
Processor threads	16	PowerShare	✓
Processor boost frequency	5.3 GHz		
Performance cores	6		
Efficient cores	8		

Processor		Performance	
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	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	Belgian
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	Express Charge Boost capable, Control Vault 3+, HDR Camera
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	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)	✓
Storage		USB charging voltage	20,5,9,15 V
Total storage capacity *	512 GB	Security	
Storage media *	SSD	Cable lock slot	✓
Total SSDs capacity	512 GB	Cable lock slot type	Wedge
Number of SSDs installed	1	Fingerprint reader	✓
SSD capacity	512 GB	Smart card reader	✓
SSD interface	PCI Express 4.0	Trusted Platform Module (TPM)	✓
NVMe	✓	Trusted Platform Module (TPM) version	2.0
SSD form factor	M.2	Dell ControlVault	✓
SSD performance class	35	Operational conditions	
M.2 SSD size	2230 (22 x 30 mm)	Operating temperature (T-T)	0 - 35 °C
Self-Encrypting Drive (SED)	✓	Storage temperature (T-T)	-40 - 65 °C
Optical drive type *	✗	Operating relative humidity (H-H)	10 - 90%
Card reader integrated	✓	Storage relative humidity (H-H)	0 - 95%
Compatible memory cards	MicroSD (TransFlash), MicroSDHC, MicroSDXC	Operating altitude	-15.2 - 3048 m
Graphics		Non-operating altitude	-15.2 - 10668 m
Discrete GPU manufacturer	NVIDIA	Operating shock	110 G
Discrete graphics card model *	NVIDIA RTX PRO 500 Blackwell	Non-operating shock	160 G
Discrete graphics card memory	6 GB	Operating vibration	0.66 G
Discrete graphics memory type	GDDR7	Non-operating vibration	1.3 G
On-board graphics card *	✓	Sustainability	
On-board GPU manufacturer	Intel	Sustainability certificates	ENERGY STAR, EPEAT Gold
Discrete graphics card *	✓		
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	✓	Carbon footprint	
Number of microphones	2	Total carbon footprint (kg of CO2e)	118
Camera		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
		Packaging content	
		AC adapter included *	✗



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