



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 Belgian Black



Brand : DELL

Product family: Pro Max

Product code: NKPHD

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: 32 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 1 TB, 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	1920 x 1080 pixels
Product type *	Mobile workstation	Front camera HD type	Full HD
Product colour *	Black	Video capturing speed	30 fps
Form factor *	Clamshell	Infrared (IR) camera	✓
Intel® vPro™ Platform Eligibility	✓	Privacy camera	✓
Display		Privacy type	Privacy shutter
Display diagonal *	40.6 cm (16")	Network	
Display resolution *	1920 x 1200 pixels	Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
Touchscreen *	✗	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)
HD type	Full HD+	Mobile network connection *	✗
Panel type	WVA	Wi-Fi band	Tri-band (2.4 GHz / 5 GHz / 6 GHz)
LED backlight	✓	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	
Display response rise/fall	35 ms	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	Combo headphone/mic port	✓
Processor generation	Intel Core Ultra (Series 2)	USB Type-C DisplayPort Alternate Mode	✓
Processor model *	265H	PowerShare	✓
Processor cores	16		
Processor threads	16		
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	Control Vault 3+, Express Charge Boost capable
Total processor performance up to	97 TOPs	Battery	
NPU performance up to	13 TOPs	Battery technology	Lithium-Ion (Li-Ion)
GPU performance up to	75 TOPs	Number of battery cells	6
Memory		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	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 *	1 TB	USB Power Delivery (USB PD)	✓
Storage media *	SSD	Security	
Total SSDs capacity	1 TB	Cable lock slot	✓
Number of SSDs installed	1	Cable lock slot type	Wedge
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
Optical drive type *	✗	Operational conditions	
Card reader integrated	✓	Operating temperature (T-T)	0 - 35 °C
Compatible memory cards	MicroSD (TransFlash)	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	Sustainability	
On-board graphics card model *	Intel Arc 140T	Sustainability certificates	ENERGY STAR, EPEAT Gold
Audio			
Audio chip	Realtek ALC3329		
Audio system	MaxxAudio Pro		
Number of built-in speakers	2		

Audio		Weight & dimensions	
Speakers manufacturer	Waves	Width	358 mm
Speaker power	2 W	Depth	256 mm
Built-in microphone	✓	Height (front)	1.51 cm
Number of microphones	2	Height (rear)	1.91 cm
Camera		Weight *	2.2 kg
Front camera	✓	Carbon footprint	
Front camera resolution (numeric)	2.07 MP	Total carbon footprint (kg of CO2e)	118
		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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