



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 German Black



Brand : DELL

Product family: Pro

Product code: 8YTFF

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 (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%	WWAN	Upgradable
Maximum refresh rate	60 Hz		
Contrast ratio (typical)	1000:1		
Processor		Ports & interfaces	
Processor manufacturer *	Intel	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Processor family *	Intel Core Ultra 7	Ethernet LAN (RJ-45) ports	1
Processor generation	Intel Core Ultra (Series 2)	HDMI ports quantity *	1
Processor model *	265H	HDMI version	2.1
Processor cores	16	Thunderbolt 4 ports quantity	2
Processor threads	16	Intel® Thunderbolt 4	✓
Processor boost frequency	5.3 GHz	Combo headphone/mic port	✓
Performance cores	6	USB Type-C DisplayPort Alternate Mode	✓
Efficient cores	8	PowerShare	✓
Low Power Efficient-cores	2		

Processor		Performance	
Performance-core Max Turbo Frequency	5.3 GHz	Motherboard chipset	Intel SoC
Efficient-core Max Turbo Frequency	4.5 GHz	Accelerometer	✓
Low Power Efficient-core Max Turbo Frequency	2.5 GHz	Hall sensor	✓
Neural processor unit (NPU)		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	German
Processor base power	28 W	Copilot key	✓
Maximum turbo power	115 W	Software	
Memory		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
Storage		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	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) *	130 W
Non-ECC	✓	USB Power Delivery (USB PD)	✓
Graphics		USB charging voltage	20,5 V
Discrete GPU manufacturer	NVIDIA	Security	
Discrete graphics card model *	NVIDIA RTX PRO 500 Blackwell	Cable lock slot	✓
Discrete graphics card memory	6 GB	Cable lock slot type	Wedge
Discrete graphics memory type	GDDR7	Fingerprint reader	✓
On-board graphics card *	✓	Smart card reader	✓
On-board GPU manufacturer	Intel	Trusted Platform Module (TPM)	✓
Discrete graphics card *	✓	Trusted Platform Module (TPM) version	2.0
On-board graphics card family	Intel Arc Graphics	Operational conditions	
On-board graphics card model *	Intel Arc 140T	Operating temperature (T-T)	0 - 35 °C
Sustainability		Storage temperature (T-T)	-40 - 65 °C
Sustainability certificates	ENERGY STAR, EPEAT Gold	Operating relative humidity (H-H)	10 - 90%
Weight & dimensions		Storage relative humidity (H-H)	0 - 95%
Width	358 mm	Operating altitude	-15.2 - 3048 m
		Non-operating altitude	-15.2 - 10668 m
		Operating shock	110 G
		Non-operating shock	160 G
		Operating vibration	0.66 G
		Non-operating vibration	1.3 G

Audio		Weight & dimensions	
Audio chip	Realtek ALC3329	Depth	256 mm
Audio system	MaxxAudio Pro	Height (front)	1.51 cm
Number of built-in speakers	2	Height (rear)	1.91 cm
Speakers manufacturer	Waves	Weight *	2.1 kg
Speaker power	2.5 W	Carbon footprint	
Built-in microphone	✓	Total carbon footprint (kg of CO2e)	118
Number of microphones	2	Carbon emissions, manufacturing (kg of CO2e)	85.196
Camera		Carbon emissions, logistics (kg of CO2e)	6.136
Front camera	✓	Carbon emissions, energy usage (kg of CO2e)	25.488
		Carbon emissions, end-of-life (kg of CO2e)	1.298
		PAIA version	GaBi version 1, 2024
		Packaging content	
		AC adapter included *	✗



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