



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 2000 Blackwell Wi-Fi 7 (802.11be) Windows 11 Pro German Black



Brand : DELL

Product family: Pro

Product code: 32V0M

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 2000 Blackwell. Operating system installed: Windows 11 Pro. Product colour: Black

Design		Camera	
Colour name	Magnetite	Video capturing speed	30 fps
Product type *	Mobile workstation	Infrared (IR) camera	✓
Product colour *	Black	Privacy camera	✓
Form factor *	Clamshell	Privacy type	Privacy shutter
Market positioning	Business	Network	
Intel® vPro™ Platform Eligibility	✓	Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
Display		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)
Display diagonal *	40.6 cm (16")	Mobile network connection *	✗
Display resolution *	1920 x 1200 pixels	Wi-Fi band	Tri-band (2.4 GHz / 5 GHz / 6 GHz)
Touchscreen *	✗	Antenna type	2x2
HD type	Full HD+	WLAN controller model	Intel Wi-Fi 7 BE201
Panel type	WVA	WLAN controller manufacturer	Intel
Native aspect ratio	16:10	Ethernet LAN	✓
Anti-glare screen	✓	Ethernet LAN data rates	10,100,1000 Mbit/s
Display brightness	300 cd/m²	Bluetooth	✓
Pixel density	142 ppi	WWAN	Upgradable
Display diagonal (metric)	40.646 cm	Ports & interfaces	
RGB colour space	NTSC	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Colour gamut	45%	Ethernet LAN (RJ-45) ports	1
Maximum refresh rate	60 Hz	HDMI ports quantity *	1
Contrast ratio (typical)	1000:1	HDMI version	2.1
Processor		Thunderbolt 4 ports quantity	2
Processor manufacturer *	Intel	Intel® Thunderbolt 4	✓
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	Performance	
Processor threads	16	Motherboard chipset	Intel SoC
Processor boost frequency	5.3 GHz	Accelerometer	✓
Performance cores	6		
Efficient cores	8		
Low Power Efficient-cores	2		

Processor		Performance	
Performance-core Max Turbo Frequency	5.3 GHz	Hall sensor	✓
Efficient-core Max Turbo Frequency	4.5 GHz	Keyboard	
Low Power Efficient-core Max Turbo Frequency	2.5 GHz	Pointing device	Touchpad
Performance-core base frequency	2.2 GHz	Numeric keypad *	✓
Efficient-core base frequency	1.7 GHz	Keyboard backlit	✓
Low Power Efficient-core Base Frequency	700 MHz	Keyboard language	German
Processor cache	24 MB	Copilot key	✓
Processor base power	28 W	Software	
Maximum turbo power	115 W	Operating system architecture	64-bit
Neural processor unit (NPU)		Trial software	Activate Your Microsoft 365 For A 30 Day Trial
Neural processor unit (NPU)	Intel AI Boost	Operating system installed *	Windows 11 Pro
Sparsity support	✓	Brand-specific features	
Windows Studio effects support	✓	Brand specific technologies	Control Vault 3+, Express Charge Boost capable, HDR Camera
AI software frameworks supported by NPU	DirectML, OpenVINO, Windows ML, ONNX RT, WebNN	Battery	
Total processor performance up to	97 TOPs	Battery technology	Lithium Polymer (LiPo)
NPU performance up to	13 TOPs	Number of battery cells	6
GPU performance up to	75 TOPs	Battery capacity *	96 Wh
Memory		Battery voltage	11.7 V
Internal memory *	32 GB	Battery recharge time	3 h
Internal memory type	DDR5-SDRAM	Fast charging	✓
Memory form factor	SO-DIMM	Battery weight	351 g
Memory layout (slots x size)	2 x 16 GB	Power	
Memory slots	2x SO-DIMM	AC adapter power	130 W
Maximum internal memory *	64 GB	AC adapter frequency	50/60 Hz
Memory channels	Dual-channel	AC adapter input voltage	100 - 240 V
Memory data transfer rate	5600 MT/s	USB Type-C charging port *	✓
Non-ECC	✓	USB Type-C required charging power (min) *	45 W
Storage		USB Type-C required charging power (max) *	130 W
Total storage capacity *	1 TB	USB Power Delivery (USB PD)	✓
Storage media *	SSD	USB charging voltage	5,20 V
Total SSDs capacity	1 TB	Security	
Number of SSDs installed	1	Cable lock slot	✓
SSD capacity	1 TB	Cable lock slot type	Wedge
SSD interface	PCI Express 4.0	Fingerprint reader	✓
NVMe	✓	Smart card reader	✓
SSD form factor	M.2	Trusted Platform Module (TPM)	✓
Self-Encrypting Drive (SED)	✓	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), MicroSDHC, MicroSDXC	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 2000 Blackwell	Operating altitude	-15.2 - 3048 m
Discrete graphics card memory	8 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 Climate +, EPEAT Gold
Audio			
Audio chip	Realtek ALC3329		
Audio system	MaxxAudio Pro		

Audio		Weight & dimensions	
Number of built-in speakers	2	Width	358 mm
Speakers manufacturer	Waves	Depth	256 mm
Speaker power	2.5 W	Height (front)	1.51 cm
Built-in microphone	✓	Height (rear)	1.91 cm
Number of microphones	2	Weight *	2.1 kg
Camera		Carbon footprint	
Front camera	✓	Total carbon footprint (kg of CO2e)	118
Front camera resolution (numeric)	2.07 MP	Carbon emissions, manufacturing (kg of CO2e)	85.196
Front camera resolution	1920 x 1080 pixels	Carbon emissions, logistics (kg of CO2e)	6.136
Front camera HD type	Full HD	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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