



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

Brand : DELL

Product family: Pro

Product code: 38F4M

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. Operating system installed: Windows 11 Pro. Product colour: Black. Weight: 2.1 kg



Design		Audio	
Colour name	Magnetite	Number of microphones	2
Product type *	Mobile workstation	Camera	
Product colour *	Black	Front camera	✓
Form factor *	Clamshell	Front camera resolution (numeric)	2.07 MP
Market positioning	Business	Front camera resolution	1920 x 1080 pixels
Intel® vPro™ Platform Eligibility	✓	Front camera HD type	Full HD
Certified refurbished	✗	Video capturing speed	30 fps
Display		Infrared (IR) camera	✓
Display diagonal *	40.6 cm (16")	Privacy camera	✓
Display resolution *	1920 x 1200 pixels	Privacy type	Privacy shutter
Touchscreen *	✗	Network	
HD type	Full HD+	Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
Panel type	WVA	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)
Native aspect ratio	16:10	Mobile network connection *	✗
Anti-glare screen	✓	Wi-Fi band	Tri-band (2.4 GHz / 5 GHz / 6 GHz)
Display brightness	300 cd/m²	Antenna type	2x2
Pixel density	142 ppi	WLAN controller model	Intel Wi-Fi 7 BE201
RGB colour space	NTSC	WLAN controller manufacturer	Intel
Colour gamut	45%	Ethernet LAN	✓
Maximum refresh rate	60 Hz	Ethernet LAN data rates	10,100,1000 Mbit/s
Contrast ratio (typical)	1000:1	Bluetooth	✓
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		
Performance cores	6		
Efficient cores	8		

Processor		Ports & interfaces	
Low Power Efficient-cores	2	Combo headphone/mic port	✓
Performance-core Max Turbo Frequency	5.3 GHz	USB Type-C DisplayPort Alternate Mode	✓
Efficient-core Max Turbo Frequency	4.5 GHz	PowerShare	✓
Low Power Efficient-core Max Turbo Frequency	2.5 GHz	Performance	
Performance-core base frequency	2.2 GHz	Motherboard chipset	Intel SoC
Efficient-core base frequency	1.7 GHz	Accelerometer	✓
Low Power Efficient-core Base Frequency	700 MHz	Hall sensor	✓
Processor cache	24 MB	Keyboard	
Processor base power	28 W	Pointing device	Touchpad
Maximum turbo power	115 W	Numeric keypad *	✓
Neural processor unit (NPU)		Keyboard backlit	✓
Neural processor unit (NPU)	Intel AI Boost	Keyboard language	German
Sparsity support	✓	Copilot key	✓
Windows Studio effects support	✓	Software	
AI software frameworks supported by NPU	DirectML, OpenVINO, Windows ML, ONNX RT, WebNN	Operating system architecture	64-bit
Total processor performance up to	97 TOPs	Trial software	Activate Your Microsoft 365 For A 30 Day Trial
NPU performance up to	13 TOPs	Operating system installed *	Windows 11 Pro
GPU performance up to	75 TOPs	Brand-specific features	
Memory		Brand specific technologies	Express Charge Boost capable, Control Vault 3+, HDR Camera
Internal memory *	16 GB	Battery	
Internal memory type	DDR5-SDRAM	Battery technology	Lithium Polymer (LiPo)
Memory form factor	SO-DIMM	Number of battery cells	4
Memory layout (slots x size)	2 x 8 GB	Battery capacity *	64 Wh
Memory slots	2x SO-DIMM	Battery voltage	15.6 V
Maximum internal memory *	64 GB	Battery recharge time	3 h
Memory channels	Dual-channel	Fast charging	✓
Memory data transfer rate	5600 MT/s	Battery weight	255 g
Non-ECC	✓	Power	
Storage		USB Type-C charging port *	✓
Total storage capacity *	512 GB	USB Type-C required charging power (min) *	45 W
Storage media *	SSD	USB Type-C required charging power (max) *	100 W
Total SSDs capacity	512 GB	USB Power Delivery (USB PD)	✓
Number of SSDs installed	1	USB charging voltage	20,5,9,15 V
SSD capacity	512 GB	Security	
SSD interface	PCI Express 4.0	Cable lock slot	✓
NVMe	✓	Cable lock slot type	Wedge
SSD form factor	M.2	Fingerprint reader	✓
SSD performance class	35	Smart card reader	✓
M.2 SSD size	2230 (22 x 30 mm)	Trusted Platform Module (TPM)	✓
Self-Encrypting Drive (SED)	✓	Trusted Platform Module (TPM) version	2.0
Optical drive type *	✗	Dell ControlVault	✓
Card reader integrated	✓	Operational conditions	
Compatible memory cards	MicroSD (TransFlash), MicroSDHC, MicroSDXC	Operating temperature (T-T)	0 - 35 °C
Graphics		Storage temperature (T-T)	-40 - 65 °C
Discrete graphics card model *	Not available	Operating relative humidity (H-H)	10 - 90%
On-board graphics card *	✓	Storage relative humidity (H-H)	0 - 95%
On-board GPU manufacturer	Intel	Operating altitude	-15.2 - 3048 m
Discrete graphics card *	✗	Non-operating altitude	-15.2 - 10668 m
On-board graphics card family	Intel Arc Graphics	Operating shock	110 G
On-board graphics card model *	Intel Arc 140T	Non-operating shock	160 G
Audio			
Audio chip	Realtek ALC3329		
Audio system	MaxxAudio Pro		

Audio		Operational conditions	
Number of built-in speakers	2	Operating vibration	0.66 G
Speakers manufacturer	Waves	Non-operating vibration	1.3 G
Speaker power	2.5 W	Sustainability	
Built-in microphone	✓	Sustainability certificates	ENERGY STAR, EPEAT Gold
		Weight & dimensions	
		Width	358 mm
		Depth	256 mm
		Height (front)	1.51 cm
		Height (rear)	1.91 cm
		Weight *	2.1 kg
		Packaging content	
		AC adapter included *	✗



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