



DELL Pro Max 16 MC16250 Intel Core Ultra 7 265H Mobile workstation 40.6 cm (16") Full HD+ 64 GB DDR5-SDRAM 1 TB SSD NVIDIA RTX PRO 1000 Blackwell Wi-Fi 7 (802.11be) Windows 11 Pro German Black



Brand : DELL

Product family: Pro

Product code: 5C53J

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: 64 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 1000 Blackwell. Operating system installed: Windows 11 Pro. Product colour: Black

Design		Audio	
Colour name	Magnetite	Speaker power	2.5 W
Product type *	Mobile workstation	Built-in microphone	✓
Product colour *	Black	Number of microphones	2
Form factor *	Clamshell	Camera	
Market positioning	Business	Front camera	✓
Intel® vPro™ Platform Eligibility	✓	Front camera resolution (numeric)	2.07 MP
Certified refurbished	✗	Front camera resolution	1920 x 1080 pixels
Display		Front camera HD type	Full HD
Display diagonal *	40.6 cm (16")	Video capturing speed	30 fps
Display resolution *	1920 x 1200 pixels	Infrared (IR) camera	✓
Touchscreen *	✗	Privacy camera	✓
HD type	Full HD+	Privacy type	Privacy shutter
Panel type	WVA	Network	
Native aspect ratio	16:10	Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
Anti-glare screen	✓	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 brightness	300 cd/m²	Mobile network connection *	✗
Pixel density	142 ppi	Wi-Fi band	Tri-band (2.4 GHz / 5 GHz / 6 GHz)
RGB colour space	NTSC	Antenna type	2x2
Colour gamut	45%	WLAN controller model	Intel Wi-Fi 7 BE201
Maximum refresh rate	60 Hz	WLAN controller manufacturer	Intel
Contrast ratio (typical)	1000:1	Ethernet LAN	✓
Processor		Ethernet LAN data rates	10,100,1000 Mbit/s
Processor manufacturer *	Intel	Bluetooth	✓
Processor family *	Intel Core Ultra 7	Ports & interfaces	
Processor generation	Intel Core Ultra (Series 2)	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Processor model *	265H	Ethernet LAN (RJ-45) ports	1
Processor cores	16	HDMI ports quantity *	1
Processor threads	16	HDMI version	2.1
Processor boost frequency	5.3 GHz		
Performance cores	6		
Efficient cores	8		

Processor		Ports & interfaces	
Low Power Efficient-cores	2	Thunderbolt 4 ports quantity	2
Performance-core Max Turbo Frequency	5.3 GHz	Intel® Thunderbolt 4	✓
Efficient-core Max Turbo Frequency	4.5 GHz	Combo headphone/mic port	✓
Low Power Efficient-core Max Turbo Frequency	2.5 GHz	USB Type-C DisplayPort Alternate Mode	✓
Performance-core base frequency	2.2 GHz	PowerShare	✓
Efficient-core base frequency	1.7 GHz	Performance	
Low Power Efficient-core Base Frequency	700 MHz	Motherboard chipset	Intel SoC
Processor cache	24 MB	Accelerometer	✓
Processor base power	28 W	Hall sensor	✓
Maximum turbo power	115 W	Keyboard	
Neural processor unit (NPU)		Pointing device	Touchpad
Neural processor unit (NPU)	Intel AI Boost	Numeric keypad *	✓
Sparsity support	✓	Keyboard backlit	✓
Windows Studio effects support	✓	Keyboard language	German
AI software frameworks supported by NPU	DirectML, OpenVINO, Windows ML, ONNX RT, WebNN	Copilot key	✓
Total processor performance up to	97 TOPs	Software	
NPU performance up to	13 TOPs	Operating system architecture	64-bit
GPU performance up to	75 TOPs	Trial software	Activate Your Microsoft 365 For A 30 Day Trial
Memory		Operating system installed *	Windows 11 Pro
Internal memory *	64 GB	Brand-specific features	
Internal memory type	DDR5-SDRAM	Brand specific technologies	Express Charge Boost capable, Control Vault 3+, HDR Camera
Memory form factor	SO-DIMM	Battery	
Memory layout (slots x size)	2 x 32 GB	Battery technology	Lithium Polymer (LiPo)
Memory slots	2x SO-DIMM	Number of battery cells	6
Maximum internal memory *	64 GB	Battery capacity *	96 Wh
Memory channels	Dual-channel	Battery voltage	11.7 V
Memory data transfer rate	6400 MT/s	Battery recharge time	3 h
Non-ECC	✓	Fast charging	✓
Storage		Battery weight	351 g
Total storage capacity *	1 TB	Power	
Storage media *	SSD	USB Type-C charging port *	✓
Total SSDs capacity	1 TB	USB Type-C required charging power (min) *	45 W
Number of SSDs installed	1	USB Type-C required charging power (max) *	100 W
SSD capacity	1 TB	USB Power Delivery (USB PD)	✓
SSD memory type	TLC	USB charging voltage	20,5,9,15 V
SSD interface	PCI Express 4.0	Security	
NVMe	✓	Cable lock slot	✓
SSD form factor	M.2	Cable lock slot type	Wedge
Self-Encrypting Drive (SED)	✓	Fingerprint reader	✓
Optical drive type *	✗	Smart card reader	✓
Card reader integrated	✓	Trusted Platform Module (TPM)	✓
Compatible memory cards	MicroSD (TransFlash), MicroSDHC, MicroSDXC	Trusted Platform Module (TPM) version	2.0
Graphics		Dell ControlVault	✓
Discrete GPU manufacturer	NVIDIA	Operational conditions	
Discrete graphics card model *	NVIDIA RTX PRO 1000 Blackwell	Operating temperature (T-T)	0 - 35 °C
Discrete graphics card memory	8 GB	Storage temperature (T-T)	-40 - 65 °C
Discrete graphics memory type	GDDR7	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		
On-board graphics card model *	Intel Arc 140T		

Audio		Operational conditions	
Audio chip	Realtek ALC3329	Operating shock	110 G
Audio system	MaxxAudio Pro	Non-operating shock	160 G
Number of built-in speakers	2	Operating vibration	0.66 G
Speakers manufacturer	Waves	Non-operating vibration	1.3 G
Sustainability			
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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