



DELL Pro Max 16 Plus MB16250 Intel Core Ultra 7 265HX Mobile workstation 40.6 cm (16") Full HD+ 32 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 Max

Product code: HCVXH

Product name : MB16250

DELL Pro Max 16 Plus MB16250. Product type: Mobile workstation, Form factor: Clamshell. Processor family: Intel Core Ultra 7, Processor model: 265HX. 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® Graphics, Discrete graphics card model: NVIDIA RTX PRO 1000 Blackwell. Operating system installed: Windows 11 Pro. Product colour: Black

Design		Network	
Colour name	Magnetite	Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
Product type *	Mobile workstation		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)
Product colour *	Black	Wi-Fi standards	
Form factor *	Clamshell	Mobile network connection *	✗
Certified refurbished	✗	Wi-Fi band	Tri-band (2.4 GHz / 5 GHz / 6 GHz)
Display		Wi-Fi data rate (max)	5760 Mbit/s
Display diagonal *	40.6 cm (16")	Antenna type	2x2
Display resolution *	1920 x 1200 pixels	WLAN controller model	Intel Wi-Fi 7 BE200
Touchscreen *	✗	WLAN controller manufacturer	Intel
HD type	Full HD+	Ethernet LAN	✓
Panel type	WVA	Ethernet LAN data rates	10,1000,2500,100 Mbit/s
LED backlight	✓	Bluetooth	✓
Native aspect ratio	16:10	Near Field Communication (NFC)	✓
Anti-glare screen	✓	Ports & interfaces	
Display brightness	500 cd/m²	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Pixel density	141 ppi	Ethernet LAN (RJ-45) ports	1
RGB colour space	DCI-P3	HDMI ports quantity *	1
Colour gamut	100%	HDMI version	2.1
Low Blue Light technology	✓	Thunderbolt 4 ports quantity	1
Display response rise/fall	35 ms	Thunderbolt 5 ports quantity	2
Maximum refresh rate	120 Hz	Intel® Thunderbolt 4	✓
Contrast ratio (typical)	1500:1	Intel® Thunderbolt 5	✓
Processor		Combo headphone/mic port	✓
Processor manufacturer *	Intel	USB Type-C DisplayPort Alternate Mode	✓
Processor family *	Intel Core Ultra 7	PowerShare	✓
Processor generation	Intel Core Ultra (Series 2)	Number of USB ports with PowerShare support	1
Processor model *	265HX	Performance	
Processor cores	20	Accelerometer	✓
Processor threads	20		
Processor boost frequency	5.3 GHz		
Performance cores	8		

Processor		Performance	
Efficient cores	12	Hall sensor	✓
Performance-core Max Turbo Frequency	5.3 GHz	Keyboard	
Efficient-core Max Turbo Frequency	4.6 GHz	Pointing device	Touchpad
Performance-core base frequency	2.6 GHz	Numeric keypad *	✓
Efficient-core base frequency	2.3 GHz	Keyboard backlit	✓
Processor cache	30 MB	Keyboard language	German
Processor base power	55 W	Copilot key	✓
Maximum turbo power	160 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	TNR, Express Charge Boost capable, Control Vault 3+, HDR Camera
Total processor performance up to	33 TOPs	Battery	
NPU performance up to	13 TOPs	Battery technology	Lithium-Ion (Li-Ion)
GPU performance up to	8 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 layout (slots x size)	2 x 16 GB	Fast charging	✓
Maximum internal memory *	64 GB	Battery charge indicator	✓
Memory data transfer rate	6400 MT/s	Power	
Non-ECC	✓	USB Type-C charging port *	✓
Storage		USB Type-C required charging power (min) *	90 W
Total storage capacity *	1 TB	USB Type-C required charging power (max) *	240 W
Storage media *	SSD	USB Power Delivery (USB PD)	✓
Total SSDs capacity	1 TB	Security	
Number of SSDs installed	1	Cable lock slot	✓
SSD capacity	1 TB	Cable lock slot type	Noble
SSD memory type	TLC	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	SD, SDHC, SDXC	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 1000 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® Graphics	Weight & dimensions	
On-board graphics card model *	Intel® Graphics	Width	360 mm
Audio		Depth	258.6 mm
Audio chip	Cirrus Logic CS42L43	Height (front)	1.73 cm
Number of built-in speakers	2	Height (rear)	1.9 cm
Speaker power	2.5 W	Weight *	2.55 kg
Built-in microphone	✓		
Number of microphones	2		
Camera			
Front camera	✓		
Front camera resolution (numeric)	8.29 MP		

Camera		Carbon footprint	
Front camera resolution	1920 x 1080 pixels	Total carbon footprint (kg of CO2e)	202
Front camera HD type	Full HD	Carbon emissions, manufacturing (kg of CO2e)	141.4
Video capturing speed	30 fps	Carbon emissions, logistics (kg of CO2e)	7.878
Infrared (IR) camera	✓	Carbon emissions, energy usage (kg of CO2e)	47.874
Privacy camera	✓	Carbon emissions, end-of-life (kg of CO2e)	4.848
Privacy type	Privacy shutter	PAIA version	GaBi version 1, 2025
		Packaging content	
		AC adapter included *	✗



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