



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 3000 Blackwell Wi-Fi 7 (802.11be) Windows 11 Pro German Black



Brand : DELL

Product family: Pro Max

Product code: N9NTT

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 3000 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
Intel® vPro™ Platform Eligibility	✓	Network	
Display		Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
Display diagonal *	40.6 cm (16")	Wi-Fi standards	802.11a, 802.11ad, 802.11b, 802.11g, Wi-Fi 6 (802.11ax), Wi-Fi 7 (802.11be)
Display resolution *	1920 x 1200 pixels	Mobile network connection *	✗
Touchscreen *	✗	Wi-Fi band	Tri-band (2.4 GHz / 5 GHz / 6 GHz)
HD type	Full HD+	Wi-Fi data rate (max)	5760 Mbit/s
Panel type	WVA	WLAN controller model	Intel Wi-Fi 7 BE200
Display technology marketing name	ComfortView Plus	WLAN controller manufacturer	Intel
LED backlight	✓	Ethernet LAN	✓
Native aspect ratio	16:10	Ethernet LAN data rates	10,1000,2500,100 Mbit/s
Anti-glare screen	✓	Bluetooth	✓
Display brightness	500 cd/m²	Near Field Communication (NFC)	✓
Pixel density	141 ppi	Ports & interfaces	
RGB colour space	DCI-P3	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Colour gamut	100%	Ethernet LAN (RJ-45) ports	1
Low Blue Light technology	✓	HDMI ports quantity *	1
Display response rise/fall	35 ms	HDMI version	2.1
Maximum refresh rate	120 Hz	Thunderbolt 4 ports quantity	1
Contrast ratio (typical)	1500:1	Thunderbolt 5 ports quantity	2
Processor		Intel® Thunderbolt 4	✓
Processor manufacturer *	Intel	Intel® Thunderbolt 5	✓
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 *	265HX		
Processor cores	20		
Processor threads	20		
Processor boost frequency	5.3 GHz		

Processor		Performance	
Performance cores	8	Ambient light sensor	✓
Efficient cores	12	Accelerometer	✓
Performance-core Max Turbo Frequency	5.3 GHz	Hall sensor	✓
Efficient-core Max Turbo Frequency	4.6 GHz	Keyboard	
Performance-core base frequency	2.6 GHz	Pointing device	Touchpad
Efficient-core base frequency	2.3 GHz	Numeric keypad *	✓
Processor cache	30 MB	Keyboard backlit	✓
Processor base power	55 W	Keyboard language	German
Maximum turbo power	160 W	Copilot key	✓
Neural processor unit (NPU)		Software	
Neural processor unit (NPU)	Intel AI Boost	Operating system architecture	64-bit
Sparsity support	✓	Trial software	Activate Your Microsoft 365 For A 30 Day Trial
Windows Studio effects support	✓	Operating system installed *	Windows 11 Pro
AI software frameworks supported by NPU	DirectML, OpenVINO, Windows ML, ONNX RT, WebNN	Brand-specific features	
Total processor performance up to	33 TOPs	Brand specific technologies	Control Vault 3+, Express Charge Boost capable, HDR Camera, TNR
NPU performance up to	13 TOPs	Battery	
GPU performance up to	8 TOPs	Battery technology	Lithium-Ion (Li-Ion)
Memory		Number of battery cells	6
Internal memory *	32 GB	Battery capacity *	96 Wh
Internal memory type	DDR5-SDRAM	Battery voltage	11.7 V
Memory form factor	CSoDIMM	Battery recharge time	3 h
Memory layout (slots x size)	2 x 16 GB	Fast charging	✓
Memory slots	2x CSoDIMM	Power	
Maximum internal memory *	64 GB	AC adapter power	280 W
Memory channels	Dual-channel	AC adapter frequency	50/60 Hz
Memory data transfer rate	6400 MT/s	AC adapter input voltage	100 - 240 V
Non-ECC	✓	USB Type-C charging port *	✓
Storage		USB Type-C required charging power (min) *	90 W
Total storage capacity *	1 TB	USB Power Delivery (USB PD)	✓
Storage media *	SSD	Security	
Total SSDs capacity	1 TB	Cable lock slot	✓
Number of SSDs installed	1	Cable lock slot type	Noble
SSD capacity	1 TB	Fingerprint reader	✓
SSD interface	PCI Express 4.0	Smart card reader	✓
NVMe	✓	Windows Hello	✓
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	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 3000 Blackwell	Operating altitude	-15.2 - 3048 m
Discrete graphics card memory	12 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		
Number of built-in speakers	2		
Speaker power	2 W		
Built-in microphone	✓		

Audio		Weight & dimensions	
Number of microphones	2	Height (front)	1.73 cm
Camera		Height (rear)	1.9 cm
Front camera	✓	Weight *	2.55 kg
Front camera resolution (numeric)	8.29 MP	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
		Carbon emissions, logistics (kg of CO2e)	7.878
		Carbon emissions, energy usage (kg of CO2e)	47.874
		Carbon emissions, end-of-life (kg of CO2e)	4.848
		PAIA version	GaBi version 1, 2025
		Packaging content	
		AC adapter included *	✓



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