



DELL Pro Max 18 Plus MB18250 Intel Core Ultra 7 265HX Mobile workstation 45.7 cm (18") Quad HD+ 32 GB DDR5-SDRAM 1 TB SSD NVIDIA RTX PRO 2000 Blackwell Wi-Fi 7 (802.11be) Windows 11 Pro Black Slovakian, Czech

Brand : DELL

Product family: Pro Max

Product code: FCMYT

Product name : MB18250

DELL Pro Max 18 Plus MB18250. Product type: Mobile workstation, Form factor: Clamshell. Processor family: Intel Core Ultra 7, Processor model: 265HX. Display diagonal: 45.7 cm (18"), HD type: Quad HD+, Display resolution: 2560 x 1600 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 2000 Blackwell. Operating system installed: Windows 11 Pro. Product colour: Black



Design		Camera	
Colour name	Magnetite	Front camera HD type	Full HD
Product type *	Mobile workstation	Video capturing speed	30 fps
Product colour *	Black	Infrared (IR) camera	✓
Form factor *	Clamshell	Privacy camera	✓
Intel® vPro™ Platform Eligibility	✓	Privacy type	Privacy shutter
Display		Network	
Display diagonal *	45.7 cm (18")	Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
Display resolution *	2560 x 1600 pixels	Mobile network connection *	✗
Touchscreen *	✗	Wi-Fi band	Tri-band (2.4 GHz / 5 GHz / 6 GHz)
HD type	Quad 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
Native aspect ratio	16:10	Ethernet LAN	✓
Anti-glare screen	✓	Ethernet LAN data rates	10,1000,2500,100 Mbit/s
Display brightness	500 cd/m ²	Bluetooth	✓
Pixel density	168 ppi	Near Field Communication (NFC)	✓
RGB colour space	DCI-P3	Ports & interfaces	
Colour gamut	100%	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Display response rise/fall	30 ms	Ethernet LAN (RJ-45) ports	1
Maximum refresh rate	120 Hz	HDMI ports quantity *	1
Contrast ratio (typical)	1000:1	HDMI version	2.1
Processor		Thunderbolt 4 ports quantity	1
Processor manufacturer *	Intel	Thunderbolt 5 ports quantity	2
Processor family *	Intel Core Ultra 7	Intel® Thunderbolt 4	✓
Processor generation	Intel Core Ultra (Series 2)	Intel® Thunderbolt 5	✓
Processor model *	265HX	Combo headphone/mic port	✓
Processor cores	20	USB Type-C DisplayPort Alternate Mode	✓
Processor threads	20	PowerShare	✓
Processor boost frequency	5.3 GHz		
Performance cores	8		
Efficient cores	12		

Processor		Performance	
Performance-core Max Turbo Frequency	5.3 GHz	Ambient light sensor	✓
Efficient-core Max Turbo Frequency	4.6 GHz	Accelerometer	✓
Performance-core base frequency	2.6 GHz	Hall sensor	✓
Efficient-core base frequency	2.3 GHz	Keyboard	
Processor cache	30 MB	Pointing device	Touchpad
Processor base power	55 W	Numeric keypad *	✓
Maximum turbo power	160 W	Keyboard backlit	✓
Neural processor unit (NPU)		Keyboard language	Slovakian, Czech
Neural processor unit (NPU)	Intel AI Boost	Copilot key	✓
Sparsity support	✓	Software	
Windows Studio effects support	✓	Operating system architecture	64-bit
AI software frameworks supported by NPU	DirectML, OpenVINO, Windows ML, ONNX RT, WebNN	Trial software	Activate Your Microsoft 365 For A 30 Day Trial
Total processor performance up to	33 TOPs	Operating system installed *	Windows 11 Pro
NPU performance up to	13 TOPs	Brand-specific features	
GPU performance up to	8 TOPs	Brand specific technologies	Express Charge Boost capable, Control Vault 3+, HDR Camera, TNR
Memory		Battery	
Internal memory *	32 GB	Battery technology	Lithium-Ion (Li-Ion)
Internal memory type	DDR5-SDRAM	Number of battery cells	6
Memory layout (slots x size)	2 x 16 GB	Battery capacity *	96 Wh
Maximum internal memory *	64 GB	Battery voltage	11.7 V
Memory channels	Dual-channel	Battery recharge time	3 h
Memory data transfer rate	6400 MT/s	Fast charging	✓
Non-ECC	✓	Power	
Storage		USB Type-C charging port *	✓
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 memory type	TLC	Smart card reader	✓
SSD interface	PCI Express 4.0	Trusted Platform Module (TPM)	✓
NVMe	✓	Trusted Platform Module (TPM) version	2.0
SSD form factor	M.2	Dell ControlVault	✓
Self-Encrypting Drive (SED)	✓	Operational conditions	
Optical drive type *	✗	Operating temperature (T-T)	0 - 35 °C
Card reader integrated	✓	Storage temperature (T-T)	-40 - 65 °C
Compatible memory cards	SD, SDHC, SDXC	Operating relative humidity (H-H)	10 - 90%
Graphics		Storage relative humidity (H-H)	0 - 95%
Discrete GPU manufacturer	NVIDIA	Operating altitude	-15.2 - 3048 m
Discrete graphics card model *	NVIDIA RTX PRO 2000 Blackwell	Non-operating altitude	-15.2 - 10668 m
Discrete graphics card memory	8 GB	Operating shock	110 G
Discrete graphics memory type	GDDR7	Non-operating shock	160 G
On-board graphics card *	✓	Operating vibration	0.66 G
On-board GPU manufacturer	Intel	Non-operating vibration	1.3 G
Discrete graphics card *	✓	Weight & dimensions	
On-board graphics card family	Intel® Graphics	Width	402 mm
On-board graphics card model *	Intel® Graphics	Depth	279.9 mm
Audio		Height (front)	1.79 cm
Audio chip	Cirrus Logic CS42L43	Height (rear)	1.96 cm
Number of built-in speakers	2	Weight *	3.25 kg
Speaker power	2.5 W	Carbon footprint	
Built-in microphone	✓	Total carbon footprint (kg of CO2e)	207
Camera			
Front camera	✓		

Camera		Carbon footprint	
Front camera resolution (numeric)	8.29 MP	Carbon emissions, manufacturing (kg of CO2e)	152.56
Front camera resolution	1920 x 1080 pixels	Carbon emissions, logistics (kg of CO2e)	9.32
		Carbon emissions, energy usage (kg of CO2e)	37.26
		Carbon emissions, end-of-life (kg of CO2e)	7.87
		PAIA version	GaBi version 1, 2025
		Packaging content	
		AC adapter included *	✗



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Catalog Object Cloud



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