



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



Brand : DELL

Product family: Pro Max

Product code: 4WM9V

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 3000 Blackwell. Operating system installed: Windows 11 Pro. Product colour: Black

Design		Camera	
Colour name	Magnetite	Privacy type	Privacy shutter
Product type *	Mobile workstation	Network	
Product colour *	Black	Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
Form factor *	Clamshell	Mobile network connection *	✗
Display		Wi-Fi band	Tri-band (2.4 GHz / 5 GHz / 6 GHz)
Display diagonal *	45.7 cm (18")	Wi-Fi data rate (max)	5760 Mbit/s
Display resolution *	2560 x 1600 pixels	WLAN controller model	Intel Wi-Fi 7 BE200
Touchscreen *	✗	WLAN controller manufacturer	Intel
HD type	Quad HD+	Ethernet LAN	✓
Panel type	WVA	Ethernet LAN data rates	10,1000,2500,100 Mbit/s
Display technology marketing name	ComfortView Plus	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	168 ppi	Ethernet LAN (RJ-45) ports	1
RGB colour space	DCI-P3	HDMI ports quantity *	1
Colour gamut	100%	HDMI version	2.1
Display response rise/fall	30 ms	Thunderbolt 4 ports quantity	1
Maximum refresh rate	120 Hz	Thunderbolt 5 ports quantity	2
Contrast ratio (typical)	1000:1	Intel® Thunderbolt 4	✓
Processor		Intel® Thunderbolt 5	✓
Processor manufacturer *	Intel	Combo headphone/mic port	✓
Processor family *	Intel Core Ultra 7	USB Type-C DisplayPort Alternate Mode	✓
Processor generation	Intel Core Ultra (Series 2)	PowerShare	✓
Processor model *	265HX	Performance	
Processor cores	20	Ambient light sensor	✓
Processor threads	20	Accelerometer	✓
Processor boost frequency	5.3 GHz	Hall sensor	✓
Performance cores	8		
Efficient cores	12		
Performance-core Max Turbo Frequency	5.3 GHz		

Processor		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	Express Charge Boost capable, TNR
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 form factor	CSODIMM	Fast charging	✓
Memory layout (slots x size)	2 x 16 GB	Power	
Memory slots	2x CSoDIMM	AC adapter power	280 W
Maximum internal memory *	64 GB	AC adapter frequency	50/60 Hz
Memory channels	Dual-channel	AC adapter input voltage	100 - 240 V
Memory data transfer rate	6400 MT/s	USB Type-C charging port *	✓
Non-ECC	✓	USB Type-C required charging power (min) *	90 W
Storage		USB Power Delivery (USB PD)	✓
Total storage capacity *	1 TB	Security	
Storage media *	SSD	Cable lock slot	✓
Total SSDs capacity	1 TB	Cable lock slot type	Noble
Number of SSDs installed	1	Fingerprint reader	✓
SSD capacity	1 TB	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	✓
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	402 mm
Audio		Depth	279.9 mm
Audio chip	Cirrus Logic CS42L43	Height (front)	1.79 cm
Number of built-in speakers	2	Height (rear)	1.96 cm
Speaker power	2.5 W	Weight *	3.25 kg
Built-in microphone	✓	Carbon footprint	
Camera		Total carbon footprint (kg of CO2e)	207
Front camera	✓		
Front camera resolution (numeric)	8.29 MP		
Front camera resolution	1920 x 1080 pixels		

Camera		Carbon footprint	
Front camera HD type	Full HD	Carbon emissions, manufacturing (kg of CO2e)	152.56
Video capturing speed	30 fps	Carbon emissions, logistics (kg of CO2e)	9.32
Infrared (IR) camera	✓	Carbon emissions, energy usage (kg of CO2e)	37.26
Privacy camera	✓	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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