



DELL Pro Max 18 Plus MB18250 Intel Core Ultra 9 285HX Mobile workstation 45.7 cm (18") Quad HD+ 64 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: 919MY

Product name : MB18250

DELL Pro Max 18 Plus MB18250. Product type: Mobile workstation, Form factor: Clamshell. Processor family: Intel Core Ultra 9, Processor model: 285HX. Display diagonal: 45.7 cm (18"), HD type: Quad HD+, Display resolution: 2560 x 1600 pixels. Internal memory: 64 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	Front camera	✓
Product type *	Mobile workstation	Front camera resolution (numeric)	8.29 MP
Product colour *	Black	Front camera resolution	1920 x 1080 pixels
Form factor *	Clamshell	Video capturing speed	30 fps
Intel® vPro™ Platform Eligibility	✓	Infrared (IR) camera	✓
Display		Privacy camera	✓
Display diagonal *	45.7 cm (18")	Privacy type	Privacy shutter
Display resolution *	2560 x 1600 pixels	Network	
Touchscreen *	✗	Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
HD type	Quad HD+	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)
Panel type	WVA	Mobile network connection *	✗
LED backlight	✓	Wi-Fi band	Tri-band (2.4 GHz / 5 GHz / 6 GHz)
Native aspect ratio	16:10	Wi-Fi data rate (max)	5760 Mbit/s
Anti-glare screen	✓	Antenna type	2x2
Display brightness	500 cd/m²	WLAN controller model	Intel Wi-Fi 7 BE200
Pixel density	168 ppi	WLAN controller manufacturer	Intel
Display diagonal (metric)	45.727 cm	Ethernet LAN	✓
RGB colour space	DCI-P3	Ethernet LAN data rates	10,1000,2500,100 Mbit/s
Colour gamut	100%	Bluetooth	✓
Low Blue Light technology	✓	Near Field Communication (NFC)	✓
Display response rise/fall	30 ms	Ports & interfaces	
Maximum refresh rate	120 Hz	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Contrast ratio (typical)	1000:1	Ethernet LAN (RJ-45) ports	1
Processor		HDMI ports quantity *	1
Processor manufacturer *	Intel	HDMI version	2.1
Processor family *	Intel Core Ultra 9	Thunderbolt 4 ports quantity	1
Processor generation	Intel Core Ultra (Series 2)	Thunderbolt 5 ports quantity	2
Processor model *	285HX	Intel® Thunderbolt 4	✓
Processor cores	24	Intel® Thunderbolt 5	✓
Processor threads	24		
Processor boost frequency	5.5 GHz		
Performance cores	8		

Processor		Ports & interfaces	
Efficient cores	16	Combo headphone/mic port	✓
Performance-core Max Turbo Frequency	5.5 GHz	USB Type-C DisplayPort Alternate Mode	✓
Efficient-core Max Turbo Frequency	4.6 GHz	PowerShare	✓
Performance-core base frequency	2.8 GHz	Number of USB ports with PowerShare support	1
Efficient-core base frequency	2.1 GHz		
Processor cache	36 MB		
Processor base power	55 W		
Maximum turbo power	160 W		
Neural processor unit (NPU)		Performance	
Neural processor unit (NPU)	Intel AI Boost	Accelerometer	✓
Sparsity support	✓	Hall sensor	✓
Windows Studio effects support	✓		
AI software frameworks supported by NPU	DirectML, OpenVINO, Windows ML, ONNX RT, WebNN		
Total processor performance up to	36 TOPs		
NPU performance up to	13 TOPs		
GPU performance up to	8 TOPs		
Memory		Keyboard	
Internal memory *	64 GB	Pointing device	Touchpad
Internal memory type	DDR5-SDRAM	Numeric keypad *	✓
Memory form factor	CSODIMM	Keyboard backlit	✓
Memory layout (slots x size)	2 x 32 GB	Keyboard language	German
Maximum internal memory *	64 GB	Copilot key	✓
Memory channels	Dual-channel		
Memory data transfer rate	6400 MT/s		
Non-ECC	✓		
Storage		Software	
Total storage capacity *	1 TB	Operating system architecture	64-bit
Storage media *	SSD	Trial software	Activate Your Microsoft 365 For A 30 Day Trial
Total SSDs capacity	1 TB	Operating system installed *	Windows 11 Pro
Number of SSDs installed	1		
SSD capacity	1 TB		
SSD memory type	TLC		
SSD interface	PCI Express 4.0		
NVMe	✓		
SSD form factor	M.2		
Self-Encrypting Drive (SED)	✓		
Optical drive type *	✗		
Card reader integrated	✓		
Compatible memory cards	SD, SDHC, SDXC		
Graphics		Brand-specific features	
Discrete GPU manufacturer	NVIDIA	Brand specific technologies	Express Charge Boost capable, HDR Camera, TNR, Control Vault 3+
Discrete graphics card model *	NVIDIA RTX PRO 3000 Blackwell		
Discrete graphics card memory	12 GB		
Discrete graphics memory type	GDDR7		
On-board graphics card *	✓		
On-board GPU manufacturer	Intel		
Discrete graphics card *	✓		
On-board graphics card family	Intel® Graphics		
On-board graphics card model *	Intel® Graphics		
Audio		Battery	
Audio chip	Cirrus Logic CS42L43	Battery technology	Lithium-Ion (Li-Ion)
Number of built-in speakers	2	Number of battery cells	6
Speaker power	2.5 W	Battery capacity *	96 Wh
Built-in microphone	✓	Battery voltage	11.7 V
Number of microphones	2	Battery recharge time	3 h
		Fast charging	✓
		Power	
		USB Type-C charging port *	✓
		USB Type-C required charging power (min) *	90 W
		USB Power Delivery (USB PD)	✓
		Security	
		Cable lock slot	✓
		Cable lock slot type	Noble
		Fingerprint reader	✓
		Smart card reader	✓
		Trusted Platform Module (TPM)	✓
		Trusted Platform Module (TPM) version	2.0
		Operational conditions	
		Operating temperature (T-T)	0 - 35 °C
		Storage temperature (T-T)	-40 - 65 °C
		Operating relative humidity (H-H)	10 - 90%
		Storage relative humidity (H-H)	0 - 95%
		Operating altitude	-15.2 - 3048 m
		Non-operating altitude	-15.2 - 10668 m
		Operating shock	110 G
		Non-operating shock	160 G
		Operating vibration	0.66 G
		Non-operating vibration	1.3 G

Certificates	
Wi-Fi certified	✓
Sustainability	
Sustainability certificates	ENERGY STAR, EPEAT Climate +, EPEAT Gold
Weight & dimensions	
Width	402 mm
Depth	279.9 mm
Height (front)	1.79 cm
Height (rear)	1.96 cm
Weight *	3.25 kg
Packaging content	
AC adapter included *	✗



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