



DELL Pro Max 16 Plus MB16250 Intel Core Ultra 9 285HX Mobile workstation 40.6 cm (16") Full 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: C6PP3

Product name : MB16250

DELL Pro Max 16 Plus MB16250. Product type: Mobile workstation, Form factor: Clamshell. Processor family: Intel Core Ultra 9, Processor model: 285HX. Display diagonal: 40.6 cm (16"), HD type: Full HD+, Display resolution: 1920 x 1200 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		Network	
Colour name	Magnetite	Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
Product type *	Mobile workstation	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)
Product colour *	Black	Mobile network connection *	✗
Form factor *	Clamshell	Wi-Fi band	Tri-band (2.4 GHz / 5 GHz / 6 GHz)
Certified refurbished	✗	Wi-Fi data rate (max)	5760 Mbit/s
Display		Antenna type	2x2
Display diagonal *	40.6 cm (16")	WLAN controller model	Intel Wi-Fi 7 BE200
Display resolution *	1920 x 1200 pixels	WLAN controller manufacturer	Intel
Touchscreen *	✗	Ethernet LAN	✓
HD type	Full HD+	Ethernet LAN data rates	10,1000,2500,100 Mbit/s
Panel type	WVA	Bluetooth	✓
LED backlight	✓	Near Field Communication (NFC)	✓
Native aspect ratio	16:10	Ports & interfaces	
Anti-glare screen	✓	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Display brightness	500 cd/m²	Ethernet LAN (RJ-45) ports	1
Pixel density	141 ppi	HDMI ports quantity *	1
RGB colour space	DCI-P3	HDMI version	2.1
Colour gamut	100%	Thunderbolt 4 ports quantity	1
Low Blue Light technology	✓	Thunderbolt 5 ports quantity	2
Display response rise/fall	35 ms	Intel® Thunderbolt 4	✓
Maximum refresh rate	120 Hz	Intel® Thunderbolt 5	✓
Contrast ratio (typical)	1500:1	Combo headphone/mic port	✓
Processor		USB Type-C DisplayPort Alternate Mode	✓
Processor manufacturer *	Intel	PowerShare	✓
Processor family *	Intel Core Ultra 9	Number of USB ports with PowerShare support	1
Processor generation	Intel Core Ultra (Series 2)	Performance	
Processor model *	285HX	Accelerometer	✓
Processor cores	24		
Processor threads	24		
Processor boost frequency	5.5 GHz		
Performance cores	8		

Processor		Performance	
Efficient cores	16	Hall sensor	✓
Performance-core Max Turbo Frequency	5.5 GHz	Keyboard	
Efficient-core Max Turbo Frequency	4.6 GHz	Pointing device	Touchpad
Performance-core base frequency	2.8 GHz	Numeric keypad *	✓
Efficient-core base frequency	2.1 GHz	Keyboard backlit	✓
Processor cache	36 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	36 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 *	64 GB	Battery voltage	11.7 V
Internal memory type	DDR5-SDRAM	Battery recharge time	3 h
Memory layout (slots x size)	2 x 32 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 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	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 *	✗



5397184981641

Catalog Object Cloud



Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity.