



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 UK English Black



Brand : DELL

Product family: Pro Max

Product code: 8DX0R

Product name : MB16250

- Windows 11 Pro 64-bit
 - Intel Core Ultra 9 285HX (36MB Cache)
 - 16" Full HD+ 1920 x 1200 WVA, NVIDIA RTX PRO 3000 Blackwell (12GB GDDR7)
 - 64GB DDR5-SDRAM (2 x 32) & 1000GB SSD
- Intel Core Ultra 9 285HX (36MB Cache), 64GB DDR5-SDRAM, 1000GB SSD, 16" Full HD+ 1920 x 1200 WVA, Intel Graphics, NVIDIA RTX PRO 3000 Blackwell (12GB GDDR7), LAN, WLAN, Webcam, Windows 11 Pro 64-bit

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 UK English Black:

Built to perform. Designed to scale.

Maximise power and productivity with Dell Pro Max 16 Plus, a powerful, modern 16-inch laptop that combines exceptional performance, ease of use, scalability, and advanced on-device AI.

Design		Camera	
Colour name	Magnetite	Front camera resolution	1920 x 1080 pixels
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 *	40.6 cm (16")	Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
Display resolution *	1920 x 1200 pixels	Wi-Fi standards	802.11a, 802.11ad, 802.11b, 802.11g, Wi-Fi 6 (802.11ax), Wi-Fi 7 (802.11be)
Touchscreen *	✗	Mobile network connection *	✗
HD type	Full HD+	Wi-Fi band	Tri-band (2.4 GHz / 5 GHz / 6 GHz)
Panel type	WVA	Wi-Fi data rate (max)	5760 Mbit/s
Display technology marketing name	ComfortView Plus	WLAN controller model	Intel Wi-Fi 7 BE200
LED backlight	✓	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	141 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
Low Blue Light technology	✓	Ethernet LAN (RJ-45) ports	1
Display response rise/fall	35 ms	HDMI ports quantity *	1
Maximum refresh rate	120 Hz	HDMI version	2.1
Contrast ratio (typical)	1500:1	Thunderbolt 4 ports quantity	1
Processor		Thunderbolt 5 ports quantity	2
Processor manufacturer *	Intel	Intel® Thunderbolt 4	✓
Processor family *	Intel Core Ultra 9	Intel® Thunderbolt 5	✓
Processor generation	Intel Core Ultra (Series 2)	Combo headphone/mic port	✓
Processor model *	285HX	USB Type-C DisplayPort Alternate Mode	✓
Processor cores	24		
Processor threads	24		
Processor boost frequency	5.5 GHz		

Processor		Performance	
Performance cores	8	Ambient light sensor	✓
Efficient cores	16	Accelerometer	✓
Performance-core Max Turbo Frequency	5.5 GHz	Hall sensor	✓
Efficient-core Max Turbo Frequency	4.6 GHz	Keyboard	
Performance-core base frequency	2.8 GHz	Pointing device	Touchpad
Efficient-core base frequency	2.1 GHz	Numeric keypad *	✓
Processor cache	36 MB	Keyboard backlit	✓
Processor base power	55 W	Keyboard language	UK English
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	36 TOPs	Brand specific technologies	Control Vault 3+, Express Charge Boost capable, TNR, HDR Camera
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 *	64 GB	Battery capacity *	96 Wh
Internal memory type	DDR5-SDRAM	Battery voltage	11.7 V
Memory layout (slots x size)	2 x 32 GB	Battery recharge time	3 h
Memory slots	2x CSODIMM	Fast charging	✓
Maximum internal memory *	64 GB	Power	
Memory channels	Dual-channel	USB Type-C charging port *	✓
Memory data transfer rate	6400 MT/s	USB Type-C required charging power (min) *	90 W
Non-ECC	✓	USB Power Delivery (USB PD)	✓
Storage		Security	
Total storage capacity *	1 TB	Cable lock slot	✓
Storage media *	SSD	Cable lock slot type	Noble
Total SSDs capacity	1 TB	Fingerprint reader	✓
Number of SSDs installed	1	Smart card reader	✓
SSD capacity	1 TB	Windows Hello	✓
SSD memory type	TLC	Trusted Platform Module (TPM)	✓
SSD interface	PCI Express 4.0	Trusted Platform Module (TPM) version	2.0
NVMe	✓	Dell ControlVault	✓
SSD form factor	M.2	Operational conditions	
Self-Encrypting Drive (SED)	✓	Operating temperature (T-T)	0 - 35 °C
Optical drive type *	✗	Storage temperature (T-T)	-40 - 65 °C
Card reader integrated	✓	Operating relative humidity (H-H)	10 - 90%
Compatible memory cards	SD, SDHC, SDXC	Storage relative humidity (H-H)	0 - 95%
Graphics		Operating altitude	-15.2 - 3048 m
Discrete GPU manufacturer	NVIDIA	Non-operating altitude	-15.2 - 10668 m
Discrete graphics card model *	NVIDIA RTX PRO 3000 Blackwell	Operating shock	110 G
Discrete graphics card memory	12 GB	Non-operating shock	160 G
Discrete graphics memory type	GDDR7	Operating vibration	0.66 G
On-board graphics card *	✓	Non-operating vibration	1.3 G
On-board GPU manufacturer	Intel	Weight & dimensions	
Discrete graphics card *	✓	Width	360 mm
On-board graphics card family	Intel® Graphics	Depth	258.6 mm
On-board graphics card model *	Intel® Graphics	Height (front)	1.73 cm
Audio		Height (rear)	1.9 cm
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	Weight *	2.55 kg
Camera		Carbon footprint	
Front camera	✓	Total carbon footprint (kg of CO2e)	202
Front camera resolution (numeric)	8.29 MP	Carbon emissions, manufacturing (kg of CO2e)	141.4
		Carbon emissions, logistics (kg of CO2e)	7.88
		Carbon emissions, energy usage (kg of CO2e)	47.87
		Carbon emissions, end-of-life (kg of CO2e)	4.85
		PAIA version	GaBi version 1, 2025
		Packaging content	
		AC adapter included *	✗



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