



DELL Pro Max 16 Plus MB16250 Intel Core Ultra 7 265HX Mobile workstation 40.6 cm (16") Full HD+ 32 GB DDR5-SDRAM 1 TB SSD NVIDIA RTX PRO 2000 Blackwell Wi-Fi 7 (802.11be) Windows 11 Pro UK English Black



Brand : DELL

Product family: Pro Max

Product code: X16GW

Product name : MB16250

- Windows 11 Pro 64-bit
 - Intel Core Ultra 7 265HX (30MB Cache)
 - 40.6 cm (16") Full HD+ 1920 x 1200 WVA, NVIDIA RTX PRO 2000 Blackwell (8GB GDDR7)
 - 32GB DDR5-SDRAM (2 x 16) & 1000GB SSD
- Intel Core Ultra 7 265HX (30MB Cache), 32GB DDR5-SDRAM, 1000GB SSD, 40.6 cm (16") Full HD+ 1920 x 1200 WVA, Intel Graphics, NVIDIA RTX PRO 2000 Blackwell (8GB GDDR7), LAN, WLAN, Webcam, Windows 11 Pro 64-bit

DELL Pro Max 16 Plus MB16250 Intel Core Ultra 7 265HX Mobile workstation 40.6 cm (16") Full HD+ 32 GB DDR5-SDRAM 1 TB SSD NVIDIA RTX PRO 2000 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	Video capturing speed	30 fps
Product type *	Mobile workstation	Infrared (IR) camera	✓
Product colour *	Black	Privacy camera	✓
Form factor *	Clamshell	Privacy type	Privacy shutter
Market positioning	High performance		
Intel® vPro™ Platform Eligibility	✓		
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		
Colour gamut	100%	Ports & interfaces	
Low Blue Light technology	✓	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Display response rise/fall	35 ms	Ethernet LAN (RJ-45) ports	1
Maximum refresh rate	120 Hz	HDMI ports quantity *	1
Contrast ratio (typical)	1500:1	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		

Processor		Performance	
Processor boost frequency	5.3 GHz	Ambient light sensor	✓
Performance cores	8	Accelerometer	✓
Efficient cores	12	Hall sensor	✓
Performance-core Max Turbo Frequency	5.3 GHz	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	UK English
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	Control Vault 3+, 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 layout (slots x size)	2 x 16 GB	Fast charging	✓
Memory slots	2x CSODIMM	Power	
Maximum internal memory *	64 GB	AC adapter power	280 W
Memory channels	Dual-channel	AC adapter frequency	50/60 Hz
Memory data transfer rate	6400 MT/s	AC adapter input voltage	100 - 240 V
Non-ECC	✓	USB Type-C charging port *	✓
Storage		USB Type-C required charging power (min) *	90 W
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 interface	PCI Express 4.0	Smart card reader	✓
NVMe	✓	Windows Hello	✓
SSD form factor	M.2	Trusted Platform Module (TPM)	✓
Self-Encrypting Drive (SED)	✓	Trusted Platform Module (TPM) version	2.0
Optical drive type *	✗	Dell ControlVault	✓
Card reader integrated	✓	Operational conditions	
Compatible memory cards	SD, SDHC, SDXC	Operating temperature (T-T)	0 - 35 °C
Graphics		Storage temperature (T-T)	-40 - 65 °C
Discrete GPU manufacturer	NVIDIA	Operating relative humidity (H-H)	10 - 90%
Discrete graphics card model *	NVIDIA RTX PRO 2000 Blackwell	Storage relative humidity (H-H)	0 - 95%
Discrete graphics card memory	8 GB	Operating altitude	-15.2 - 3048 m
Discrete graphics memory type	GDDR7	Non-operating altitude	-15.2 - 10668 m
On-board graphics card *	✓	Operating shock	110 G
On-board GPU manufacturer	Intel	Non-operating shock	160 G
Discrete graphics card *	✓	Operating vibration	0.66 G
On-board graphics card family	Intel® Graphics	Non-operating vibration	1.3 G
On-board graphics card model *	Intel® Graphics	Weight & dimensions	
Audio		Width	360 mm
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	Depth	258.6 mm
Camera		Height (front)	1.73 cm
Front camera	✓	Height (rear)	1.9 cm
Front camera resolution (numeric)	8.29 MP	Weight *	2.55 kg
Front camera resolution	1920 x 1080 pixels	Carbon footprint	
Front camera HD type	Full HD	Total carbon footprint (kg of CO2e)	202
		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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