



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 Black UK English



Brand : DELL

Product family: Pro Max

Product code: 7CKNP

Product name : MB18250

- Windows 11 Pro 64-bit
- Intel Core Ultra 9 285HX (36MB Cache)
- 18" Quad HD+ 2560 x 1600 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, 18" Quad HD+ 2560 x 1600 WVA, Intel Graphics, NVIDIA RTX PRO 3000 Blackwell (12GB GDDR7), LAN, WLAN, Webcam, Windows 11 Pro 64-bit

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Exceptional power. Elevated performance.

Maximise power and productivity with Dell Pro Max 18 Plus, a powerful, modern 18-inch laptop that combines exceptional screen space and performance with scalability and advanced on-device AI.

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

Processor		Ports & interfaces	
Performance-core Max Turbo Frequency	5.5 GHz	Combo headphone/mic port	✓
Efficient-core Max Turbo Frequency	4.6 GHz	USB Type-C DisplayPort Alternate Mode	✓
Performance-core base frequency	2.8 GHz	PowerShare	✓
Efficient-core base frequency	2.1 GHz	Number of USB ports with PowerShare support	1
Processor cache	36 MB	Performance	
Processor cache type	Smart Cache	Accelerometer	✓
Processor socket	BGA 2114	Hall sensor	✓
Processor base power	55 W	Keyboard	
Maximum turbo power	160 W	Pointing device	Touchpad
Neural processor unit (NPU)		Numeric keypad *	✓
Neural processor unit (NPU)	Intel AI Boost	Keyboard backlit	✓
Sparsity support	✓	Keyboard language	UK English
Windows Studio effects support	✓	Copilot key	✓
AI software frameworks supported by NPU	DirectML, OpenVINO, Windows ML, ONNX RT, WebNN	Software	
Total processor performance up to	36 TOPs	Operating system architecture	64-bit
NPU performance up to	13 TOPs	Trial software	Activate Your Microsoft 365 For A 30 Day Trial
GPU performance up to	8 TOPs	Operating system installed *	Windows 11 Pro
Memory		Brand-specific features	
Internal memory *	64 GB	Brand specific technologies	Express Charge Boost capable, TNR, HDR Camera, Control Vault 3+, Presence Detection
Internal memory type	DDR5-SDRAM	Battery	
Memory form factor	CSODIMM	Battery technology	Lithium-Ion (Li-Ion)
Memory layout (slots x size)	2 x 32 GB	Number of battery cells	6
Maximum internal memory *	64 GB	Battery capacity *	96 Wh
Memory channels	Dual-channel	Battery voltage	11.7 V
Memory data transfer rate	6400 MT/s	Battery recharge time	3 h
Non-ECC	✓	Fast charging	✓
Storage		Power	
Total storage capacity *	1 TB	AC adapter frequency	50/60 Hz
Storage media *	SSD	AC adapter input voltage	100 - 240 V
Total SSDs capacity	1 TB	USB Type-C charging port *	✓
Number of SSDs installed	1	USB Type-C required charging power (min) *	90 W
SSD capacity	1 TB	USB Power Delivery (USB PD)	✓
SSD interface	PCI Express 5.0	Security	
NVMe	✓	Cable lock slot	✓
SSD form factor	M.2	Cable lock slot type	Noble
Self-Encrypting Drive (SED)	✓	Fingerprint reader	✓
Optical drive type *	✗	Smart card reader	✓
Card reader integrated	✓	Trusted Platform Module (TPM)	✓
Compatible memory cards	SD, SDHC, SDXC	Trusted Platform Module (TPM) version	2.0
Graphics		Operational conditions	
Discrete GPU manufacturer	NVIDIA	Operating temperature (T-T)	0 - 35 °C
Discrete graphics card model *	NVIDIA RTX PRO 3000 Blackwell	Storage temperature (T-T)	-40 - 65 °C
Discrete graphics card memory	12 GB	Operating relative humidity (H-H)	10 - 90%
Discrete graphics memory type	GDDR7	Storage relative humidity (H-H)	0 - 95%
On-board graphics card *	✓	Operating altitude	-15.2 - 3048 m
On-board GPU manufacturer	Intel	Non-operating altitude	-15.2 - 10668 m
Discrete graphics card *	✓	Operating shock	110 G
On-board graphics card family	Intel® Graphics	Non-operating shock	160 G
On-board graphics card model *	Intel® Graphics	Operating vibration	0.66 G
Audio			
Audio chip	Cirrus Logic CS42L43		
Number of built-in speakers	2		
Speaker power	2.5 W		
Built-in microphone	✓		
Number of microphones	2		

Operational conditions	
Non-operating vibration	1.3 G
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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