



DELL Pro Max 18 Plus MB18250 Intel Core Ultra 9 285HX Mobile workstation 45.7 cm (18") Quad HD+ 32 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: PX91H

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)
 - 32GB DDR5-SDRAM (2 x 16) & 1000GB SSD
- Intel Core Ultra 9 285HX (36MB Cache), 32GB DDR5-SDRAM, 1000GB SSD, 18" Quad HD+ 2560 x 1600 WVA, Intel Graphics, NVIDIA RTX PRO 3000 Blackwell (12GB GDDR7), LAN, 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	Video capturing speed	30 fps
Product type *	Mobile workstation	Infrared (IR) camera	✓
Product colour *	Black	Privacy camera	✓
Form factor *	Clamshell	Privacy type	Privacy shutter
Intel® vPro™ Platform Eligibility	✓	Network	
Display		Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
Display diagonal *	45.7 cm (18")	Mobile network connection *	✗
Display resolution *	2560 x 1600 pixels	Wi-Fi band	Tri-band (2.4 GHz / 5 GHz / 6 GHz)
Touchscreen *	✗	Wi-Fi data rate (max)	5760 Mbit/s
HD type	Quad HD+	WLAN controller model	Intel Wi-Fi 7 BE200
Panel type	WVA	WLAN controller manufacturer	Intel
Display technology marketing name	ComfortView Plus	Ethernet LAN	✓
Native aspect ratio	16:10	Ethernet LAN data rates	10,1000,2500,100 Mbit/s
Anti-glare screen	✓	Bluetooth	✓
Display brightness	500 cd/m ²	Near Field Communication (NFC)	✓
Pixel density	168 ppi	Ports & interfaces	
RGB colour space	DCI-P3	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Colour gamut	100%	Ethernet LAN (RJ-45) ports	1
Display response rise/fall	30 ms	HDMI ports quantity *	1
Maximum refresh rate	120 Hz	HDMI version	2.1
Contrast ratio (typical)	1000:1	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	PowerShare	✓
Processor threads	24	Performance	
Processor boost frequency	5.5 GHz	Ambient light sensor	✓
Performance cores	8		
Efficient cores	16		

Processor		Performance	
Performance-core Max Turbo Frequency	5.5 GHz	Accelerometer	✓
Efficient-core Max Turbo Frequency	4.6 GHz	Hall sensor	✓
Performance-core base frequency	2.8 GHz	Keyboard	
Efficient-core base frequency	2.1 GHz	Pointing device	Touchpad
Processor cache	36 MB	Numeric keypad *	✓
Processor base power	55 W	Keyboard backlit	✓
Maximum turbo power	160 W	Keyboard language	UK English
Neural processor unit (NPU)		Copilot key	✓
Neural processor unit (NPU)	Intel AI Boost	Software	
Sparsity support	✓	Operating system architecture	64-bit
Windows Studio effects support	✓	Trial software	Activate Your Microsoft 365 For A 30 Day Trial
AI software frameworks supported by NPU	DirectML, OpenVINO, Windows ML, ONNX RT, WebNN	Operating system installed *	Windows 11 Pro
Total processor performance up to	36 TOPs	Brand-specific features	
NPU performance up to	13 TOPs	Brand specific technologies	Express Charge Boost capable, TNR, HDR Camera, Control Vault 3+
GPU performance up to	8 TOPs	Battery	
Memory		Battery technology	Lithium-Ion (Li-Ion)
Internal memory *	32 GB	Number of battery cells	6
Internal memory type	DDR5-SDRAM	Battery capacity *	96 Wh
Memory form factor	CSODIMM	Battery voltage	11.7 V
Memory layout (slots x size)	2 x 16 GB	Battery recharge time	3 h
Maximum internal memory *	64 GB	Fast charging	✓
Memory channels	Dual-channel	Power	
Memory data transfer rate	6400 MT/s	USB Type-C charging port *	✓
Non-ECC	✓	USB Type-C required charging power (min) *	90 W
Storage		USB Power Delivery (USB PD)	✓
Total storage capacity *	1 TB	Security	
Storage media *	SSD	Cable lock slot	✓
Total SSDs capacity	1 TB	Cable lock slot type	Noble
Number of SSDs installed	1	Fingerprint reader	✓
SSD capacity	1 TB	Smart card reader	✓
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	402 mm
On-board graphics card family	Intel® Graphics	Depth	279.9 mm
On-board graphics card model *	Intel® Graphics	Height (front)	1.79 cm
Audio		Height (rear)	1.96 cm
Audio chip	Cirrus Logic CS42L43	Weight *	3.25 kg
Number of built-in speakers	2	Camera	
Speaker power	2.5 W		
Built-in microphone	✓		

Camera		Carbon footprint	
Front camera	✓	Total carbon footprint (kg of CO2e)	207
Front camera resolution (numeric)	8.29 MP	Carbon emissions, manufacturing (kg of CO2e)	152.56
Front camera resolution	1920 x 1080 pixels	Carbon emissions, logistics (kg of CO2e)	9.32
Front camera HD type	Full HD	Carbon emissions, energy usage (kg of CO2e)	37.26
		Carbon emissions, end-of-life (kg of CO2e)	7.87
		PAIA version	GaBi version 1, 2025
		Packaging content	
		AC adapter included *	✗



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