



DELL Pro Max 16 MC16250 Intel Core Ultra 9 285H 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 Black US English



Brand : DELL

Product family: Pro Max

Product code: OTPNX

Product name : MC16250

- Windows 11 Pro 64-bit
- Intel Core Ultra 9 285H (24MB Cache)
- 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 9 285H (24MB Cache), 32GB DDR5-SDRAM, 1000GB SSD, 16" Full HD+ 1920 x 1200 WVA, Intel Arc 140T, NVIDIA RTX PRO 2000 Blackwell (8GB GDDR7), LAN, WLAN, Webcam, Windows 11 Pro 64-bit

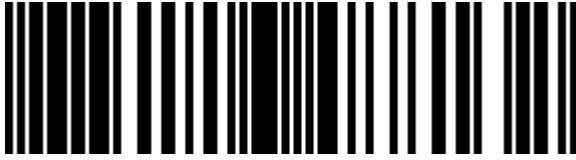
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Dell Pro Max 16 laptop merges exceptional performance with a large display. Designed for power users and light design applications in the office or on the go.

Design		Camera	
Product type *	Mobile workstation	Front camera resolution	1920 x 1080 pixels
Product colour *	Black	Front camera HD type	Full HD
Form factor *	Clamshell	Video capturing speed	30 fps
Market positioning	Business	Infrared (IR) camera	✓
Intel® vPro™ Platform Eligibility	✓	Privacy camera	✓
Display		Privacy type	Privacy shutter
Display diagonal *	40.6 cm (16")	Network	
Display resolution *	1920 x 1200 pixels	Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
Touchscreen *	✗	Wi-Fi standards	802.11a, 802.11b, Wi-Fi 4 (802.11n), 802.11g, Wi-Fi 6E (802.11ax), Wi-Fi 5 (802.11ac), Wi-Fi 7 (802.11be)
HD type	Full HD+		
Panel type	WVA	Mobile network connection *	✗
Native aspect ratio	16:10	Wi-Fi band	Tri-band (2.4 GHz / 5 GHz / 6 GHz)
Anti-glare screen	✓	WLAN controller model	Intel Wi-Fi 7 BE201
Display brightness	300 cd/m²	WLAN controller manufacturer	Intel
Pixel density	142 ppi	Ethernet LAN	✓
RGB colour space	NTSC	Ethernet LAN data rates	10,100,1000 Mbit/s
Colour gamut	45%	Bluetooth	✓
Maximum refresh rate	60 Hz	Ports & interfaces	
Contrast ratio (typical)	1000:1	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Processor		Ethernet LAN (RJ-45) ports	1
Processor manufacturer *	Intel	HDMI ports quantity *	1
Processor family *	Intel Core Ultra 9	HDMI version	2.1
Processor generation	Intel Core Ultra (Series 2)	Thunderbolt 4 ports quantity	2
Processor model *	285H	Intel® Thunderbolt 4	✓
Processor cores	16	Combo headphone/mic port	✓
Processor threads	16	USB Type-C DisplayPort Alternate Mode	✓
Processor boost frequency	5.4 GHz	PowerShare	✓
Performance cores	6		
Efficient cores	8		
Low Power Efficient-cores	2		
Performance-core Max Turbo Frequency	5.4 GHz		

Processor		Performance	
Efficient-core Max Turbo Frequency	4.5 GHz	Motherboard chipset	Intel SoC
Low Power Efficient-core Max Turbo Frequency	2.5 GHz	Accelerometer	✓
Performance-core base frequency	2.9 GHz	Hall sensor	✓
Efficient-core base frequency	2.7 GHz	Keyboard	
Low Power Efficient-core Base Frequency	1000 MHz	Pointing device	Touchpad
Processor cache	24 MB	Numeric keypad *	✓
Processor cache type	Smart Cache	Keyboard backlit	✓
Processor socket	BGA 2049	Keyboard language	US English
Processor base power	45 W	Copilot key	✓
Maximum turbo power	115 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	Express Charge Boost capable, Control Vault 3+, HDR Camera
Total processor performance up to	99 TOPs	Battery	
NPU performance up to	13 TOPs	Battery technology	Lithium Polymer (LiPo)
GPU performance up to	77 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 form factor	SO-DIMM	Fast charging	✓
Memory layout (slots x size)	2 x 16 GB	Battery weight	351 g
Memory slots	2x SO-DIMM	Power	
Maximum internal memory *	64 GB	AC adapter power	130 W
Memory channels	Dual-channel	AC adapter frequency	50/60 Hz
Memory data transfer rate	5600 MT/s	AC adapter input voltage	100 - 240 V
Non-ECC	✓	USB Type-C charging port *	✓
Storage		USB Type-C required charging power (min) *	45 W
Total storage capacity *	1 TB	USB Type-C required charging power (max) *	96 W
Storage media *	SSD	USB Power Delivery (USB PD)	✓
Total SSDs capacity	1 TB	USB charging voltage	20,5,9,15 V
Number of SSDs installed	1	Security	
SSD capacity	1 TB	Cable lock slot	✓
SSD interface	PCI Express 4.0	Cable lock slot type	Wedge
NVMe	✓	Fingerprint reader	✓
SSD form factor	M.2	Trusted Platform Module (TPM)	✓
Optical drive type *	✗	Trusted Platform Module (TPM) version	2.0
Card reader integrated	✓	Operational conditions	
Compatible memory cards	MicroSD (TransFlash), MicroSDHC, MicroSDXC	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 Arc Graphics	Non-operating vibration	1.3 G
On-board graphics card model *	Intel Arc 140T	Sustainability	
Audio		Sustainability certificates	ENERGY STAR, EPEAT Gold
Audio chip	Realtek ALC3329		
Audio system	MaxxAudio Pro		
Number of built-in speakers	2		

Audio		Weight & dimensions	
Speakers manufacturer	Waves	Width	358 mm
Speaker power	2.5 W	Depth	256 mm
Built-in microphone	✓	Height (front)	1.51 cm
Number of microphones	2	Height (rear)	1.91 cm
Camera		Weight *	2.1 kg
Front camera	✓	Carbon footprint	
Front camera resolution (numeric)	2.07 MP	Total carbon footprint (kg of CO2e)	118
		Carbon emissions, manufacturing (kg of CO2e)	85.2
		Carbon emissions, logistics (kg of CO2e)	6.14
		Carbon emissions, energy usage (kg of CO2e)	25.49
		Carbon emissions, end-of-life (kg of CO2e)	1.3
		PAIA version	GaBi version 1, 2024
		Packaging content	
		AC adapter included *	✓



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