



**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 US English Black**



**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

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 US English Black:

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		Audio	
Product type *	Mobile workstation	Built-in microphone	✓
Product colour *	Black	Number of microphones	2
Form factor *	Clamshell	Camera	
Market positioning	Business	Front camera	✓
Intel® vPro™ Platform Eligibility	✓	Front camera resolution (numeric)	2.07 MP
Display		Front camera resolution	1920 x 1080 pixels
Display diagonal *	40.6 cm (16")	Front camera HD type	Full HD
Display resolution *	1920 x 1200 pixels	Video capturing speed	30 fps
Touchscreen *	✗	Infrared (IR) camera	✓
HD type	Full HD+	Privacy camera	✓
Panel type	WVA	Privacy type	Privacy shutter
Native aspect ratio	16:10	Network	
Anti-glare screen	✓	Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
Display brightness	300 cd/m <sup>2</sup>	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)
Pixel density	142 ppi	Mobile network connection *	✗
RGB colour space	NTSC	Wi-Fi band	Tri-band (2.4 GHz / 5 GHz / 6 GHz)
Colour gamut	45%	WLAN controller model	Intel Wi-Fi 7 BE201
Maximum refresh rate	60 Hz	WLAN controller manufacturer	Intel
Contrast ratio (typical)	1000:1	Ethernet LAN	✓
Processor		Ethernet LAN data rates	10,100,1000 Mbit/s
Processor manufacturer *	Intel	Bluetooth	✓
Processor family *	Intel Core Ultra 9	Ports & interfaces	
Processor generation	Intel Core Ultra (Series 2)	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Processor model *	285H	Ethernet LAN (RJ-45) ports	1
Processor cores	16	HDMI ports quantity *	1
Processor threads	16	HDMI version	2.1
Processor boost frequency	5.4 GHz	Thunderbolt 4 ports quantity	2
Performance cores	6		
Efficient cores	8		
Low Power Efficient-cores	2		
Performance-core Max Turbo Frequency	5.4 GHz		

<b>Processor</b>		<b>Ports &amp; interfaces</b>	
Efficient-core Max Turbo Frequency	4.5 GHz	Intel® Thunderbolt 4	✓
Low Power Efficient-core Max Turbo Frequency	2.5 GHz	Combo headphone/mic port	✓
Performance-core base frequency	2.9 GHz	USB Type-C DisplayPort Alternate Mode	✓
Efficient-core base frequency	2.7 GHz	PowerShare	✓
Low Power Efficient-core Base Frequency	1000 MHz	<b>Performance</b>	
Processor cache	24 MB	Motherboard chipset	Intel SoC
Processor cache type	Smart Cache	Accelerometer	✓
Processor socket	BGA 2049	Hall sensor	✓
Processor base power	45 W	<b>Keyboard</b>	
Maximum turbo power	115 W	Pointing device	Touchpad
<b>Neural processor unit (NPU)</b>		Numeric keypad *	✓
Neural processor unit (NPU)	Intel AI Boost	Keyboard backlit	✓
Sparsity support	✓	Keyboard language	US English
Windows Studio effects support	✓	Copilot key	✓
AI software frameworks supported by NPU	DirectML, OpenVINO, Windows ML, ONNX RT, WebNN	<b>Software</b>	
Total processor performance up to	99 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	77 TOPs	Operating system installed *	Windows 11 Pro
<b>Memory</b>		<b>Brand-specific features</b>	
Internal memory *	32 GB	Brand specific technologies	Express Charge Boost capable, Control Vault 3+, HDR Camera
Internal memory type	DDR5-SDRAM	<b>Battery</b>	
Memory form factor	SO-DIMM	Battery technology	Lithium Polymer (LiPo)
Memory layout (slots x size)	2 x 16 GB	Number of battery cells	6
Memory slots	2x SO-DIMM	Battery capacity *	96 Wh
Maximum internal memory *	64 GB	Battery voltage	11.7 V
Memory channels	Dual-channel	Battery recharge time	3 h
Memory data transfer rate	5600 MT/s	Fast charging	✓
Non-ECC	✓	Battery weight	351 g
<b>Storage</b>		<b>Power</b>	
Total storage capacity *	1 TB	AC adapter power	130 W
Storage media *	SSD	AC adapter frequency	50/60 Hz
Total SSDs capacity	1 TB	AC adapter input voltage	100 - 240 V
Number of SSDs installed	1	USB Type-C charging port *	✓
SSD capacity	1 TB	USB Type-C required charging power (min) *	45 W
SSD interface	PCI Express 4.0	USB Type-C required charging power (max) *	96 W
NVMe	✓	USB Power Delivery (USB PD)	✓
SSD form factor	M.2	USB charging voltage	20,5,9,15 V
Optical drive type *	✗	<b>Security</b>	
Card reader integrated	✓	Cable lock slot	✓
Compatible memory cards	MicroSD (TransFlash), MicroSDHC, MicroSDXC	Cable lock slot type	Wedge
<b>Graphics</b>		Fingerprint reader	✓
Discrete GPU manufacturer	NVIDIA	Trusted Platform Module (TPM)	✓
Discrete graphics card model *	NVIDIA RTX PRO 2000 Blackwell	Trusted Platform Module (TPM) version	2.0
Discrete graphics card memory	8 GB	<b>Operational conditions</b>	
Discrete graphics memory type	GDDR7	Operating temperature (T-T)	0 - 35 °C
On-board graphics card *	✓	Storage temperature (T-T)	-40 - 65 °C
On-board GPU manufacturer	Intel	Operating relative humidity (H-H)	10 - 90%
Discrete graphics card *	✓	Storage relative humidity (H-H)	0 - 95%
On-board graphics card family	Intel Arc Graphics	Operating altitude	-15.2 - 3048 m
On-board graphics card model *	Intel Arc 140T	Non-operating altitude	-15.2 - 10668 m
<b>Audio</b>			
Audio chip	Realtek ALC3329		
Audio system	MaxxAudio Pro		
Number of built-in speakers	2		

Audio		Operational conditions	
Speakers manufacturer	Waves	Operating shock	110 G
Speaker power	2.5 W	Non-operating shock	160 G
		Operating vibration	0.66 G
		Non-operating vibration	1.3 G
Sustainability			
Sustainability certificates		ENERGY STAR, EPEAT Gold	
Weight & dimensions			
Width		358 mm	
Depth		256 mm	
Height (front)		1.51 cm	
Height (rear)		1.91 cm	
Weight *		2.1 kg	
Packaging content			
AC adapter included *		✓	



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