



**DELL Pro Max 16 MB16250 Intel Core Ultra 7 265HX Mobile workstation 40.6 cm (16") Full HD+ 32 GB DDR5-SDRAM 512 GB 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:** 34C7D

**Product name :** MB16250

- Windows 11 Pro 64-bit
  - Intel Core Ultra 7 265HX (30MB Cache)
  - 16" Full HD+ 1920 x 1200 WVA, NVIDIA RTX PRO 2000 Blackwell (8GB GDDR7)
  - 32GB DDR5-SDRAM (2 x 16) & 512GB SSD
- Intel Core Ultra 7 265HX (30MB Cache), 32GB DDR5-SDRAM, 512GB SSD, 16" Full HD+ 1920 x 1200 WVA, Intel Graphics, NVIDIA RTX PRO 2000 Blackwell (8GB GDDR7), LAN, Webcam, Windows 11 Pro 64-bit

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**Exceptionally scalable performance**

Maximize 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	
Product type *	Mobile workstation	Front camera	✓
Product colour *	Black	Front camera resolution (numeric)	2.07 MP
Form factor *	Clamshell	Front camera resolution	1920 x 1080 pixels
Intel® vPro™ Platform Eligibility	✓	Front camera HD type	Full HD
Display		Video capturing speed	30 fps
Display diagonal *	40.6 cm (16")	Privacy camera	✓
Display resolution *	1920 x 1200 pixels	Privacy type	Privacy shutter
Touchscreen *	✗	Network	
HD type	Full HD+	Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
Panel type	WVA	Mobile network connection *	✗
LED backlight	✓	Wi-Fi band	Tri-band (2.4 GHz / 5 GHz / 6 GHz)
Native aspect ratio	16:10	Wi-Fi data rate (max)	5760 Mbit/s
Anti-glare screen	✓	Antenna type	2x2
Display brightness	500 cd/m <sup>2</sup>	WLAN controller model	Intel Wi-Fi 7 BE200
Pixel density	141 ppi	WLAN controller manufacturer	Intel
RGB colour space	DCI-P3	Ethernet LAN	✓
Colour gamut	100%	Ethernet LAN data rates	10,1000,2500,100 Mbit/s
Low Blue Light technology	✓	Bluetooth	✓
Display response rise/fall	35 ms	Ports & interfaces	
Maximum refresh rate	120 Hz	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Contrast ratio (typical)	1500:1	Ethernet LAN (RJ-45) ports	1
Processor		HDMI ports quantity *	1
Processor manufacturer *	Intel	HDMI version	2.1
Processor family *	Intel Core Ultra 7	Thunderbolt 4 ports quantity	1
Processor generation	Intel Core Ultra (Series 2)	Thunderbolt 5 ports quantity	2
Processor model *	265HX	Intel® Thunderbolt 4	✓
Processor cores	20	Intel® Thunderbolt 5	✓
Processor threads	20	Combo headphone/mic port	✓
Processor boost frequency	5.3 GHz	USB Type-C DisplayPort Alternate Mode	✓
Performance cores	8		
Efficient cores	12		

<b>Processor</b>		<b>Ports &amp; interfaces</b>	
Performance-core Max Turbo Frequency	5.3 GHz	PowerShare	✓
Efficient-core Max Turbo Frequency	4.6 GHz	Number of USB ports with PowerShare support	1
Performance-core base frequency	2.6 GHz	<b>Performance</b>	
Efficient-core base frequency	2.3 GHz	Accelerometer	✓
Processor cache	30 MB	Hall sensor	✓
Processor cache type	Smart Cache	<b>Keyboard</b>	
Processor socket	BGA 2114	Pointing device	Touchpad
Processor base power	55 W	Numeric keypad *	✓
Maximum turbo power	160 W	Keyboard backlit	✓
<b>Neural processor unit (NPU)</b>		Keyboard language	US English
Neural processor unit (NPU)	Intel AI Boost	Copilot key	✓
Sparsity support	✓	<b>Software</b>	
Windows Studio effects support	✓	Operating system architecture	64-bit
AI software frameworks supported by NPU	DirectML, OpenVINO, Windows ML, ONNX RT, WebNN	Trial software	Activate Your Microsoft 365 For A 30 Day Trial
Total processor performance up to	33 TOPs	Operating system installed *	Windows 11 Pro
NPU performance up to	13 TOPs	<b>Brand-specific features</b>	
GPU performance up to	8 TOPs	Brand specific technologies	TNR, Express Charge Boost capable, HDR Camera
<b>Memory</b>		<b>Battery</b>	
Internal memory *	32 GB	Battery technology	Lithium-Ion (Li-Ion)
Internal memory type	DDR5-SDRAM	Number of battery cells	6
Memory form factor	CSODIMM	Battery capacity *	96 Wh
Memory layout (slots x size)	2 x 16 GB	Battery voltage	11.7 V
Maximum internal memory *	64 GB	Battery recharge time	3 h
Memory data transfer rate	6400 MT/s	Fast charging	✓
Non-ECC	✓	Battery charge indicator	✓
<b>Storage</b>		<b>Power</b>	
Total storage capacity *	512 GB	AC adapter power	280 W
Storage media *	SSD	AC adapter frequency	50/60 Hz
Total SSDs capacity	512 GB	AC adapter input voltage	100 - 240 V
Number of SSDs installed	1	USB Type-C charging port *	✓
SSD capacity	512 GB	USB Type-C required charging power (min) *	90 W
SSD interface	PCI Express 4.0	USB Power Delivery (USB PD)	✓
NVMe	✓	<b>Security</b>	
SSD form factor	M.2	Cable lock slot	✓
Optical drive type *	✗	Cable lock slot type	Noble
Card reader integrated	✓	Trusted Platform Module (TPM)	✓
Compatible memory cards	SD, SDHC, SDXC	Trusted Platform Module (TPM) version	2.0
<b>Graphics</b>		<b>Operational conditions</b>	
Discrete GPU manufacturer	NVIDIA	Operating temperature (T-T)	0 - 35 °C
Discrete graphics card model *	NVIDIA RTX PRO 2000 Blackwell	Storage temperature (T-T)	-40 - 65 °C
Discrete graphics card memory	8 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
<b>Audio</b>		Non-operating vibration	1.3 G
Audio chip	Cirrus Logic CS42L43	<b>Weight &amp; dimensions</b>	
Number of built-in speakers	2	Width	360 mm
Speaker power	2.5 W	Depth	258.6 mm
Built-in microphone	✓		
Number of microphones	2		

**Weight & dimensions**

Height (front)	1.73 cm
Height (rear)	1.9 cm
Weight *	2.55 kg

**Packaging content**

AC adapter included *	✓
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