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 Black US English





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	
Product type *	Mobile workstation
Product colour *	Black
Form factor *	Clamshell
Intel® vPro™ Platform Eligibility	✔

Display	
Display diagonal *	40.6 cm (16")
Display resolution *	1920 x 1200 pixels
Touchscreen *	✘
HD type	Full HD+
Panel type	WVA
LED backlight	✔
Native aspect ratio	16:10
Anti-glare screen	✔
Display brightness	500 cd/m²
Pixel density	141 ppi
RGB colour space	DCI-P3
Colour gamut	100%
Low Blue Light technology	✔
Display response rise/fall	35 ms
Maximum refresh rate	120 Hz
Contrast ratio (typical)	1500:1

Processor	
Processor manufacturer *	Intel
Processor family *	Intel Core Ultra 7
Processor generation	Intel Core Ultra (Series 2)
Processor model *	265HX
Processor cores	20
Processor threads	20
Processor boost frequency	5.3 GHz
Performance cores	8
Efficient cores	12

Camera	
Video capturing speed	30 fps
Privacy camera	✔
Privacy type	Privacy shutter

Network	
Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
Mobile network connection *	✘
Wi-Fi band	Tri-band (2.4 GHz / 5 GHz / 6 GHz)
Wi-Fi data rate (max)	5760 Mbit/s
Antenna type	2x2
WLAN controller model	Intel Wi-Fi 7 BE200
WLAN controller manufacturer	Intel
Ethernet LAN	✔
Ethernet LAN data rates	10,1000,2500,100 Mbit/s
Bluetooth	✔

Ports & interfaces	
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Ethernet LAN (RJ-45) ports	1
HDMI ports quantity *	1
HDMI version	2.1
Thunderbolt 4 ports quantity	1
Thunderbolt 5 ports quantity	2
Intel® Thunderbolt 4	✔
Intel® Thunderbolt 5	✔
Combo headphone/mic port	✔
USB Type-C DisplayPort Alternate Mode	✔
PowerShare	✔
Number of USB ports with PowerShare support	1

Processor	
Performance-core Max Turbo Frequency	5.3 GHz
Efficient-core Max Turbo Frequency	4.6 GHz
Performance-core base frequency	2.6 GHz
Efficient-core base frequency	2.3 GHz
Processor cache	30 MB
Processor cache type	Smart Cache
Processor socket	BGA 2114
Processor base power	55 W
Maximum turbo power	160 W

Neural processor unit (NPU)	
Neural processor unit (NPU)	Intel AI Boost
Sparsity support	✔
Windows Studio effects support	✔
AI software frameworks supported by NPU	DirectML, OpenVINO, Windows ML, ONNX RT, WebNN
Total processor performance up to	33 TOPs
NPU performance up to	13 TOPs
GPU performance up to	8 TOPs

Memory	
Internal memory *	32 GB
Internal memory type	DDR5-SDRAM
Memory form factor	CSODIMM
Memory layout (slots x size)	2 x 16 GB
Maximum internal memory *	64 GB
Memory data transfer rate	6400 MT/s
Non-ECC	✔

Storage	
Total storage capacity *	512 GB
Storage media *	SSD
Total SSDs capacity	512 GB
Number of SSDs installed	1
SSD capacity	512 GB
SSD interface	PCI Express 4.0
NVMe	✔
SSD form factor	M.2
Optical drive type *	✘
Card reader integrated	✔
Compatible memory cards	SD, SDHC, SDXC

Graphics	
Discrete GPU manufacturer	NVIDIA
Discrete graphics card model *	NVIDIA RTX PRO 2000 Blackwell
Discrete graphics card memory	8 GB
Discrete graphics memory type	GDDR7
On-board graphics card *	✔
On-board GPU manufacturer	Intel
Discrete graphics card *	✔
On-board graphics card family	Intel® Graphics
On-board graphics card model *	Intel® Graphics

Audio	
Audio chip	Cirrus Logic CS42L43
Number of built-in speakers	2
Speaker power	2.5 W
Built-in microphone	✔
Number of microphones	2

Camera	
Front camera	✔

Performance	
Accelerometer	✔
Hall sensor	✔

Keyboard	
Pointing device	Touchpad
Numeric keypad *	✔
Keyboard backlit	✔
Keyboard language	US English
Copilot key	✔

Software	
Operating system architecture	64-bit
Trial software	Activate Your Microsoft 365 For A 30 Day Trial
Operating system installed *	Windows 11 Pro

Brand-specific features	
Brand specific technologies	TNR, Express Charge Boost capable, HDR Camera

Battery	
Battery technology	Lithium-Ion (Li-Ion)
Number of battery cells	6
Battery capacity *	96 Wh
Battery voltage	11.7 V
Battery recharge time	3 h
Fast charging	✔
Battery charge indicator	✔

Power	
AC adapter power	280 W
AC adapter frequency	50/60 Hz
AC adapter input voltage	100 - 240 V
USB Type-C charging port *	✔
USB Type-C required charging power (min) *	90 W
USB Power Delivery (USB PD)	✔

Security	
Cable lock slot	✔
Cable lock slot type	Noble
Trusted Platform Module (TPM)	✔
Trusted Platform Module (TPM) version	2.0

Operational conditions	
Operating temperature (T-T)	0 - 35 °C
Storage temperature (T-T)	-40 - 65 °C
Operating relative humidity (H-H)	10 - 90%
Storage relative humidity (H-H)	0 - 95%
Operating altitude	-15.2 - 3048 m
Non-operating altitude	-15.2 - 10668 m
Operating shock	110 G
Non-operating shock	160 G
Operating vibration	0.66 G
Non-operating vibration	1.3 G

Weight & dimensions	
Width	360 mm
Depth	258.6 mm
Height (front)	1.73 cm
Height (rear)	1.9 cm
Weight *	2.55 kg

Camera	
Front camera resolution (numeric)	2.07 MP
Front camera resolution	1920 x 1080 pixels
Front camera HD type	Full HD

Carbon footprint	
Total carbon footprint (kg of CO2e)	202
Carbon emissions, manufacturing (kg of CO2e)	141.4
Carbon emissions, logistics (kg of CO2e)	7.88
Carbon emissions, energy usage (kg of CO2e)	47.87
Carbon emissions, end-of-life (kg of CO2e)	4.85
PAIA version	GaBi version 1, 2025

Packaging content	
AC adapter included *	✔

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