



**DELL Pro Max 16 Premium MA16250 Intel Core Ultra 7 265H
Mobile workstation 40.6 cm (16") Full HD+ 32 GB LPDDR5x-SDRAM
1 TB SSD NVIDIA RTX PRO 1000 Blackwell Wi-Fi 7 (802.11be)
Windows 11 Pro UK English Black**



Brand : DELL

Product family: Pro Max

Product code: DPP0J

Product name : MA16250

- Windows 11 Pro 64-bit
 - Intel Core Ultra 7 265H (24MB Cache)
 - 40.6 cm (16") Full HD+ 1920 x 1200 WVA, NVIDIA RTX PRO 1000 Blackwell (8GB GDDR7)
 - 32GB LPDDR5x-SDRAM & 1000GB SSD
- Intel Core Ultra 7 265H (24MB Cache), 32GB LPDDR5x-SDRAM, 1000GB SSD, 40.6 cm (16") Full HD+ 1920 x 1200 WVA, Intel Arc 140T, NVIDIA RTX PRO 1000 Blackwell (8GB GDDR7), WLAN, Webcam, Windows 11 Pro 64-bit

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Unstoppable power. Modern design.

Empower your creativity with the thin, light 16-inch laptop that elevates every task effortlessly with exceptional battery life, Intel® Core™ Ultra processors, NVIDIA graphics, and advanced on-device AI.

Design		Camera	
Colour name	Magnetite	Infrared (IR) camera	✓
Product type *	Mobile workstation	Network	
Product colour *	Black	Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
Form factor *	Clamshell	Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6E (802.11ax), Wi-Fi 7 (802.11be)
Intel® vPro™ Platform Eligibility	✓	Mobile network connection *	✗
Display		Wi-Fi band	Tri-band (2.4 GHz / 5 GHz / 6 GHz)
Display diagonal *	40.6 cm (16")	Antenna type	2x2
Display resolution *	1920 x 1200 pixels	WLAN controller model	Intel Wi-Fi 7 BE201
Touchscreen *	✗	WLAN controller manufacturer	Intel
HD type	Full HD+	Bluetooth	✓
Panel type	WVA	MIMO	✓
Native aspect ratio	16:10	MIMO type	Multi User MIMO
Anti-glare screen	✓	Ports & interfaces	
Display brightness	500 cd/m ²	HDMI ports quantity *	1
Pixel density	142 ppi	HDMI version	2.1
RGB colour space	DCI-P3	Thunderbolt 4 ports quantity	1
Colour gamut	100%	Thunderbolt 5 ports quantity	2
Display response rise/fall	35 ms	Intel® Thunderbolt 4	✓
Maximum refresh rate	120 Hz	Intel® Thunderbolt 5	✓
Contrast ratio (typical)	1500:1	Combo headphone/mic port	✓
Processor		USB Type-C DisplayPort Alternate Mode	✓
Processor manufacturer *	Intel	Performance	
Processor family *	Intel Core Ultra 7	Motherboard chipset	Intel SoC
Processor generation	Intel Core Ultra (Series 2)	Ambient light sensor	✓
Processor model *	265H	Accelerometer	✓
Processor cores	16	Hall sensor	✓
Processor threads	16	Keyboard	
Processor boost frequency	5.3 GHz	Pointing device	Touchpad
Performance cores	6		
Efficient cores	8		
Low Power Efficient-cores	2		

Processor		Keyboard	
Performance-core Max Turbo Frequency	5.3 GHz	Numeric keypad *	✗
Efficient-core Max Turbo Frequency	4.5 GHz	Keyboard backlit	✓
Low Power Efficient-core Max Turbo Frequency	2.5 GHz	Spill-resistant keyboard	✓
Performance-core base frequency	2.2 GHz	Keyboard language	UK English
Efficient-core base frequency	1.7 GHz	Copilot key	✓
Low Power Efficient-core Base Frequency	700 MHz	Software	
Processor cache	24 MB	Operating system architecture	64-bit
Processor base power	28 W	Trial software	Activate Your Microsoft 365 For A 30 Day Trial
Maximum turbo power	115 W	Operating system installed *	Windows 11 Pro
Neural processor unit (NPU)		Brand-specific features	
Neural processor unit (NPU)	Intel AI Boost	Brand specific technologies	Battery-saving Mini-LED, Express Charge Boost capable, ExpressSign-In, Intelligent Privacy, TNR
Sparsity support	✓	Battery	
Windows Studio effects support	✓	Battery technology	Lithium-Ion (Li-Ion)
AI software frameworks supported by NPU	DirectML, OpenVINO, Windows ML, ONNX RT, WebNN	Number of battery cells	6
Total processor performance up to	97 TOPs	Battery capacity *	96 Wh
NPU performance up to	13 TOPs	Battery voltage	11.7 V
GPU performance up to	75 TOPs	Battery recharge time	3 h
Memory		Fast charging	✓
Internal memory *	32 GB	Battery weight	351 g
Internal memory type	LPDDR5x-SDRAM	Power	
Memory form factor	On-board	AC adapter power	165 W
Maximum internal memory *	32 GB	AC adapter frequency	50/60 Hz
Memory data transfer rate	8400 MT/s	AC adapter input voltage	100 - 240 V
Storage		USB Type-C charging port *	✓
Total storage capacity *	1 TB	USB Type-C required charging power (min) *	100 W
Storage media *	SSD	USB Type-C required charging power (max) *	100 W
Total SSDs capacity	1 TB	USB Power Delivery (USB PD)	✓
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)	✓
Self-Encrypting Drive (SED)	✓	Trusted Platform Module (TPM) version	2.0
Optical drive type *	✗	Operational conditions	
Card reader integrated	✓	Operating temperature (T-T)	0 - 35 °C
Compatible memory cards	SD, SDHC, SDXC	Storage temperature (T-T)	-40 - 65 °C
Graphics		Operating relative humidity (H-H)	10 - 90%
Discrete GPU manufacturer	NVIDIA	Storage relative humidity (H-H)	0 - 95%
Discrete graphics card model *	NVIDIA RTX PRO 1000 Blackwell	Operating altitude	-15.2 - 3048 m
Discrete graphics card memory	8 GB	Non-operating altitude	-15.2 - 10668 m
Discrete graphics memory type	GDDR7	Operating shock	110 G
On-board graphics card *	✓	Non-operating shock	160 G
On-board GPU manufacturer	Intel	Operating vibration	0.66 G
Discrete graphics card *	✓	Non-operating vibration	1.3 G
On-board graphics card family	Intel Arc Graphics	Weight & dimensions	
On-board graphics card model *	Intel Arc 140T	Width	353.8 mm
Audio		Depth	240.3 mm
Audio chip	Cirrus Logic CS42L43	Height	22 mm
Audio system	Dolby Atmos	Height (front)	2.08 cm
Number of built-in speakers	4	Height (rear)	2.08 cm
Built-in microphone	✓	Weight *	2.19 kg
Camera			
Front camera	✓		

Camera

Front camera resolution (numeric)	8 MP
Front camera resolution	2560 x 1440 pixels
Video capturing speed	30 fps

Carbon footprint

Total carbon footprint (kg of CO2e)	175
Carbon emissions, manufacturing (kg of CO2e)	136.5
Carbon emissions, logistics (kg of CO2e)	6.475
Carbon emissions, energy usage (kg of CO2e)	30.1
Carbon emissions, end-of-life (kg of CO2e)	1.93
PAIA version	GaBi version 1, 2025

Packaging content

AC adapter included *	✓
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Catalog Object Cloud



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