



**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 2000 Blackwell Wi-Fi 7 (802.11be)
Windows 11 Pro UK English Black**



Brand : DELL

Product family: Pro Max

Product code: GT61K

Product name : MA16250

- Windows 11 Pro 64-bit
 - Intel Core Ultra 7 265H (24MB Cache)
 - 16" Full HD+ 1920 x 1200 WVA, NVIDIA RTX PRO 2000 Blackwell (8GB GDDR7)
 - 32GB LPDDR5x-SDRAM & 1000GB SSD
- Intel Core Ultra 7 265H (24MB Cache), 32GB LPDDR5x-SDRAM, 1000GB SSD, 16" Full HD+ 1920 x 1200 WVA, Intel Arc 140T, NVIDIA RTX PRO 2000 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	Video capturing speed	30 fps
Product type *	Mobile workstation	Infrared (IR) camera	✓
Product colour *	Black	Network	
Form factor *	Clamshell	Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
Market positioning	High performance	Wi-Fi standards	802.11a, 802.11ad, 802.11b, 802.11g, Wi-Fi 5 (802.11ac), Wi-Fi 7 (802.11be)
Display		Mobile network connection *	✗
Display diagonal *	40.6 cm (16")	Wi-Fi band	Tri-band (2.4 GHz / 5 GHz / 6 GHz)
Display resolution *	1920 x 1200 pixels	WLAN controller model	Intel Wi-Fi 7 BE201
Touchscreen *	✗	WLAN controller manufacturer	Intel
HD type	Full HD+	Ethernet LAN	✗
Panel type	WVA	Bluetooth	✓
Native aspect ratio	16:10	WWAN	Not installed
Anti-glare screen	✓	MIMO	✓
Display brightness	500 cd/m ²	MIMO type	Multi User MIMO
Pixel density	142 ppi	Ports & interfaces	
RGB colour space	DCI-P3	HDMI ports quantity *	1
Colour gamut	100%	HDMI version	2.1
Display response rise/fall	35 ms	Thunderbolt 4 ports quantity	1
Maximum refresh rate	120 Hz	Thunderbolt 5 ports quantity	2
Contrast ratio (typical)	1500:1	Intel® Thunderbolt 4	✓
Processor		Intel® Thunderbolt 5	✓
Processor manufacturer *	Intel	Combo headphone/mic port	✓
Processor family *	Intel Core Ultra 7	USB Type-C DisplayPort Alternate Mode	✓
Processor generation	Intel Core Ultra (Series 2)	Performance	
Processor model *	265H	Motherboard chipset	Intel SoC
Processor cores	16	Ambient light sensor	✓
Processor threads	16	Accelerometer	✓
Processor boost frequency	5.3 GHz	Hall sensor	✓
Performance cores	6		
Efficient cores	8		
Low Power Efficient-cores	2		

Processor		Keyboard	
Performance-core Max Turbo Frequency	5.3 GHz	Pointing device	Touchpad
Efficient-core Max Turbo Frequency	4.5 GHz	Numeric keypad *	✗
Low Power Efficient-core Max Turbo Frequency	2.5 GHz	Keyboard backlit	✓
Performance-core base frequency	2.2 GHz	Spill-resistant keyboard	✓
Efficient-core base frequency	1.7 GHz	Keyboard language	UK English
Low Power Efficient-core Base Frequency	700 MHz	Copilot key	✓
Processor cache	24 MB	Software	
Processor base power	28 W	Operating system architecture	64-bit
Maximum turbo power	115 W	Trial software	Activate Your Microsoft 365 For A 30 Day Trial
Neural processor unit (NPU)		Operating system installed *	Windows 11 Pro
Neural processor unit (NPU)	Intel AI Boost	Brand-specific features	
Sparsity support	✓	Brand specific technologies	Express Charge Boost capable, TNR, ExpressSign-In, Battery-saving Mini-LED, Zero-lattice Keyboard
Windows Studio effects support	✓	Battery	
AI software frameworks supported by NPU	DirectML, OpenVINO, Windows ML, ONNX RT, WebNN	Battery technology	Lithium-Ion (Li-Ion)
Total processor performance up to	97 TOPs	Number of battery cells	6
NPU performance up to	13 TOPs	Battery capacity *	96 Wh
GPU performance up to	75 TOPs	Battery voltage	11.7 V
Memory		Battery recharge time	3 h
Internal memory *	32 GB	Fast charging	✓
Internal memory type	LPDDR5x-SDRAM	Battery weight	351 g
Memory form factor	On-board	Power	
Maximum internal memory *	32 GB	USB Type-C charging port *	✓
Memory data transfer rate	8400 MT/s	USB Type-C required charging power (min) *	100 W
Storage		USB Type-C required charging power (max) *	100 W
Total storage capacity *	1 TB	USB Power Delivery (USB PD)	✓
Storage media *	SSD	USB charging voltage	20,5,9,15 V
Total SSDs capacity	1 TB	Security	
Number of SSDs installed	1	Cable lock slot	✓
SSD capacity	1 TB	Cable lock slot type	Wedge
SSD memory type	TLC	Fingerprint reader	✓
SSD interface	PCI Express 4.0	Trusted Platform Module (TPM)	✓
NVMe	✓	Trusted Platform Module (TPM) version	2.0
SSD form factor	M.2	Operational conditions	
Self-Encrypting Drive (SED)	✓	Operating temperature (T-T)	0 - 35 °C
Optical drive type *	✗	Storage temperature (T-T)	-40 - 65 °C
Card reader integrated	✓	Operating relative humidity (H-H)	10 - 90%
Compatible memory cards	SD, SDHC, SDXC	Storage relative humidity (H-H)	0 - 95%
Graphics		Operating altitude	-15.2 - 3048 m
Discrete GPU manufacturer	NVIDIA	Non-operating altitude	-15.2 - 10668 m
Discrete graphics card model *	NVIDIA RTX PRO 2000 Blackwell	Operating shock	110 G
Discrete graphics card memory	8 GB	Non-operating shock	160 G
Discrete graphics memory type	GDDR7	Operating vibration	0.66 G
On-board graphics card *	✓	Non-operating vibration	1.3 G
On-board GPU manufacturer	Intel	Weight & dimensions	
Discrete graphics card *	✓	Width	353.8 mm
On-board graphics card family	Intel Arc Graphics	Depth	240.3 mm
On-board graphics card model *	Intel Arc 140T	Height (front)	2.08 cm
Audio		Height (rear)	2.08 cm
Audio chip	Cirrus Logic CS42L43	Weight *	2.19 kg
Audio system	Dolby Atmos	Carbon footprint	
Number of built-in speakers	4	Total carbon footprint (kg of CO2e)	175
Built-in microphone	✓		

Camera		Carbon footprint	
Front camera	✓	Carbon emissions, manufacturing (kg of CO2e)	136.5
Front camera resolution (numeric)	8 MP	Carbon emissions, logistics (kg of CO2e)	6.48
Front camera resolution	2560 x 1440 pixels	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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