



DELL Pro Max 16 MC16250 Intel Core Ultra 5 235H Mobile workstation 40.6 cm (16") Full HD+ 16 GB DDR5-SDRAM 256 GB SSD Wi-Fi 6E (802.11ax) Windows 11 Pro Black US English

Brand : DELL

Product family: Pro

Product code: D55TP

Product name : MC16250

- Windows 11 Pro 64-bit
- Intel Core Ultra 5 235H (18MB Cache)
- 40.6 cm (16") Full HD+ 1920 x 1200 WVA
- 16GB DDR5-SDRAM (2 x 8) & 256GB SSD
Intel Core Ultra 5 235H (18MB Cache), 16GB DDR5-SDRAM, 256GB SSD, 40.6 cm (16") Full HD+ 1920 x 1200 WVA, Intel Arc 140T, LAN, WLAN, Webcam, Windows 11 Pro 64-bit

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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.

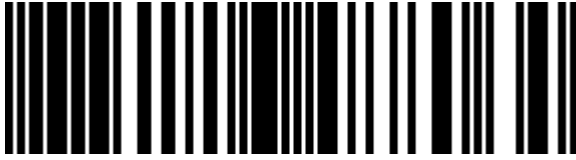
DELL Pro Max 16 MC16250. Product type: Mobile workstation, Form factor: Clamshell. Processor family: Intel Core Ultra 5, Processor model: 235H. Display diagonal: 40.6 cm (16"), HD type: Full HD+, Display resolution: 1920 x 1200 pixels. Internal memory: 16 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 256 GB, Storage media: SSD. On-board graphics card model: Intel Arc 140T. Operating system installed: Windows 11 Pro. Product colour: Black. Weight: 2.1 kg



Design		Camera	
Product type *	Mobile workstation	Privacy camera	✓
Product colour *	Black	Privacy type	Privacy shutter
Form factor *	Clamshell	Network	
Market positioning	Business	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Intel® vPro™ Platform Eligibility	✓	Wi-Fi standards	802.11a, Wi-Fi 5 (802.11ac), 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 6E (802.11ax)
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	Wi-Fi data rate (max)	2400 Mbit/s
Touchscreen *	✗	Antenna type	2x2
HD type	Full HD+	WLAN controller model	Intel Wi-Fi 6E AX211
Panel type	WVA	WLAN controller manufacturer	Intel
Native aspect ratio	16:10	Ethernet LAN	✓
Anti-glare screen	✓	Ethernet LAN data rates	10,100,1000 Mbit/s
Display brightness	300 cd/m²	Bluetooth	✓
Pixel density	142 ppi	Ports & interfaces	
RGB colour space	NTSC	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Colour gamut	45%	Ethernet LAN (RJ-45) ports	1
Maximum refresh rate	60 Hz	HDMI ports quantity *	1
Contrast ratio (typical)	1000:1	HDMI version	2.1
Processor		Thunderbolt 4 ports quantity	2
Processor manufacturer *	Intel	Intel® Thunderbolt 4	✓
Processor family *	Intel Core Ultra 5	Combo headphone/mic port	✓
Processor generation	Intel Core Ultra (Series 2)	USB Type-C DisplayPort Alternate Mode	✓
Processor model *	235H	PowerShare	✓
Processor cores	14	Performance	
Processor threads	14	Motherboard chipset	Intel SoC
Processor boost frequency	5 GHz	Accelerometer	✓
Performance cores	4		
Efficient cores	8		
Low Power Efficient-cores	2		
Performance-core Max Turbo Frequency	5 GHz		

Processor		Performance	
Efficient-core Max Turbo Frequency	4.4 GHz	Hall sensor	✓
Low Power Efficient-core Max Turbo Frequency	2.5 GHz	Keyboard	
Performance-core base frequency	2.4 GHz	Pointing device	Touchpad
Efficient-core base frequency	1.8 GHz	Numeric keypad *	✓
Low Power Efficient-core Base Frequency	700 MHz	Keyboard backlit	✓
Processor cache	18 MB	Keyboard language	US English
Processor base power	28 W	Copilot key	✓
Maximum turbo power	115 W	Software	
Neural processor unit (NPU)		Operating system architecture	64-bit
Neural processor unit (NPU)	Intel AI Boost	Trial software	Activate Your Microsoft 365 For A 30 Day Trial
Sparsity support	✓	Operating system installed *	Windows 11 Pro
Windows Studio effects support	✓	Brand-specific features	
AI software frameworks supported by NPU	DirectML, OpenVINO, Windows ML, ONNX RT, WebNN	Brand specific technologies	Express Charge Boost capable, HDR Camera, TNR
Total processor performance up to	94 TOPs	Battery	
NPU performance up to	13 TOPs	Battery technology	Lithium Polymer (LiPo)
GPU performance up to	74 TOPs	Number of battery cells	4
Memory		Battery capacity *	64 Wh
Internal memory *	16 GB	Battery voltage	15.6 V
Internal memory type	DDR5-SDRAM	Battery recharge time	3 h
Memory form factor	SO-DIMM	Fast charging	✓
Memory layout (slots x size)	2 x 8 GB	Battery weight	255 g
Memory slots	2x SO-DIMM	Power	
Maximum internal memory *	64 GB	AC adapter power	100 W
Memory channels	Dual-channel	AC adapter frequency	50/60 Hz
Memory data transfer rate	5600 MT/s	AC adapter input voltage	100 - 240 V
Non-ECC	✓	USB Type-C charging port *	✓
Storage		USB Type-C required charging power (min) *	45 W
Total storage capacity *	256 GB	USB Type-C required charging power (max) *	100 W
Storage media *	SSD	USB Power Delivery (USB PD)	✓
Total SSDs capacity	256 GB	USB charging voltage	20,5,9,15 V
Number of SSDs installed	1	Security	
SSD capacity	256 GB	Cable lock slot	✓
SSD interface	PCI Express 4.0	Cable lock slot type	Wedge
NVMe	✓	Trusted Platform Module (TPM)	✓
SSD form factor	M.2	Trusted Platform Module (TPM) version	2.0
SSD performance class	35	Operational conditions	
M.2 SSD size	2230 (22 x 30 mm)	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	MicroSD (TransFlash), MicroSDHC, MicroSDXC	Storage relative humidity (H-H)	0 - 95%
Graphics		Operating altitude	-15.2 - 3048 m
Discrete graphics card model *	Not available	Non-operating altitude	-15.2 - 10668 m
On-board graphics card *	✓	Operating shock	110 G
On-board GPU manufacturer	Intel	Non-operating shock	160 G
Discrete graphics card *	✗	Operating vibration	0.66 G
On-board graphics card family	Intel Arc Graphics	Non-operating vibration	1.3 G
On-board graphics card model *	Intel Arc 140T	Sustainability	
Audio		Sustainability certificates	ENERGY STAR, EPEAT Gold
Audio chip	Realtek ALC3329	Weight & dimensions	
Audio system	MaxxAudio Pro	Width	358 mm
Number of built-in speakers	2	Depth	256 mm
Speakers manufacturer	Waves		
Speaker power	2.5 W		
Built-in microphone	✓		

Audio		Weight & dimensions	
Number of microphones	2	Height (front)	1.51 cm
Camera		Height (rear)	1.91 cm
Front camera	✓	Weight *	2.1 kg
Front camera resolution (numeric)	2.07 MP	Carbon footprint	
Front camera resolution	1920 x 1080 pixels	Total carbon footprint (kg of CO2e)	118
Front camera HD type	Full HD	Carbon emissions, manufacturing (kg of CO2e)	85.2
Video capturing speed	30 fps	Carbon emissions, logistics (kg of CO2e)	6.14
		Carbon emissions, energy usage (kg of CO2e)	25.49
		Carbon emissions, end-of-life (kg of CO2e)	1.3
		PAIA version	GaBi version 1, 2024
		Packaging content	
		AC adapter included *	✓



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