



## DELL Pro Max 14 MC14250 Intel Core Ultra 7 255H Mobile workstation 35.6 cm (14") Full HD+ 16 GB LPDDR5x-SDRAM 512 GB SSD Wi-Fi 7 (802.11be) Windows 11 Pro Black

**Brand :** DELL

**Product family:** Pro

**Product code:** WMGDP

**Product name :** MC14250



- Windows 11 Pro 64-bit

- Intel Core Ultra 7 255H (24MB Cache)

- 35.6 cm (14") Full HD+ 1920 x 1200 WVA

- 16GB LPDDR5x-SDRAM (1 x 16) & 512GB SSD

Intel Core Ultra 7 255H (24MB Cache), 16GB LPDDR5x-SDRAM, 512GB SSD, 35.6 cm (14") Full HD+ 1920 x 1200 WVA, Intel Arc 140T, LAN, WLAN, Webcam, Windows 11 Pro 64-bit



**DELL Pro Max 14 MC14250 Intel Core Ultra 7 255H Mobile workstation 35.6 cm (14") Full HD+ 16 GB LPDDR5x-SDRAM 512 GB SSD Wi-Fi 7 (802.11be) Windows 11 Pro Black:**

Experience performance and portability with the Dell Pro Max 14 laptop. Designed for power users, light design and creative applications in the office or on the go.

DELL Pro Max 14 MC14250. Product type: Mobile workstation, Form factor: Clamshell. Processor family: Intel Core Ultra 7, Processor model: 255H. Display diagonal: 35.6 cm (14"), HD type: Full HD+, Display resolution: 1920 x 1200 pixels. Internal memory: 16 GB, Internal memory type: LPDDR5x-SDRAM. Total storage capacity: 512 GB, Storage media: SSD. On-board graphics card model: Intel Arc 140T. Operating system installed: Windows 11 Pro. Product colour: Black. Weight: 1.83 kg

<b>Design</b>		<b>Camera</b>	
Product type *	Mobile workstation	Front camera resolution (numeric)	2.07 MP
Product colour *	Black	Front camera resolution	1920 x 1080 pixels
Form factor *	Clamshell	Front camera HD type	Full HD
<b>Display</b>		<b>Video capturing speed</b>	
Display diagonal *	35.6 cm (14")	Infrared (IR) camera	✓
Display resolution *	1920 x 1200 pixels	Privacy camera	✓
Touchscreen *	✗	Privacy type	Privacy shutter
HD type	Full HD+	<b>Network</b>	
Panel type	WVA	Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
LED backlight	✓	Wi-Fi standards	802.11a, Wi-Fi 5 (802.11ac), Wi-Fi 7 (802.11be), 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 6E (802.11ax)
Native aspect ratio	16:10	Mobile network connection *	✗
Anti-glare screen	✓	Wi-Fi band	Tri-band (2.4 GHz / 5 GHz / 6 GHz)
Display brightness	300 cd/m <sup>2</sup>	Wi-Fi data rate (max)	5760 Mbit/s
Pixel density	162 ppi	WLAN controller model	Intel Wi-Fi 7 BE201
RGB colour space	NTSC	WLAN controller manufacturer	Intel
Colour gamut	45%	Ethernet LAN	✓
Display response rise/fall	35 ms	Ethernet LAN data rates	10,100,1000 Mbit/s
Maximum refresh rate	60 Hz	Bluetooth	✓
Contrast ratio (typical)	800:1	<b>Processor</b>	
		<b>Ports &amp; interfaces</b>	
Processor manufacturer *	Intel	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Processor family *	Intel Core Ultra 7	Ethernet LAN (RJ-45) ports	1
Processor generation	Intel Core Ultra (Series 2)	HDMI ports quantity *	1
Processor model *	255H	HDMI version	2.1
Processor cores	16	Thunderbolt 4 ports quantity	2
Processor threads	16	Combo headphone/mic port	✓
Processor boost frequency	5.1 GHz	USB Type-C DisplayPort Alternate Mode	✓
Performance cores	6	PowerShare	✓
Efficient cores	8		
Low Power Efficient-cores	2		
Performance-core Max Turbo Frequency	5.1 GHz		

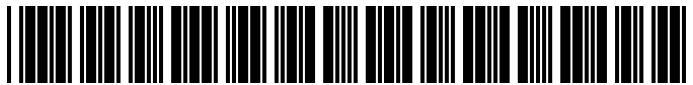
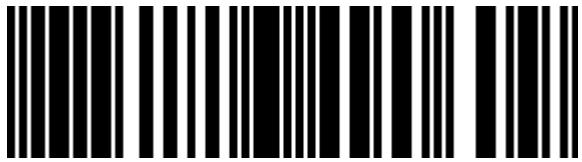
<b>Processor</b>		<b>Performance</b>	
Efficient-core Max Turbo Frequency	4.4 GHz	Motherboard chipset	Intel SoC
Low Power Efficient-core Max Turbo Frequency	2.5 GHz	Accelerometer	✓
Performance-core base frequency	2 GHz	Hall sensor	✓
Efficient-core base frequency	1.5 GHz	<b>Keyboard</b>	
Low Power Efficient-core Base Frequency	700 MHz	Pointing device	Touchpad
Processor cache	24 MB	Numeric keypad *	✗
Processor base power	28 W	Keyboard backlit	✓
Maximum turbo power	115 W	Copilot key	✓
<b>Neural processor unit (NPU)</b>		<b>Software</b>	
Neural processor unit (NPU)	Intel AI Boost	Operating system architecture	64-bit
Sparsity support	✓	Operating system installed *	Windows 11 Pro
Windows Studio effects support	✓	<b>Brand-specific features</b>	
AI software frameworks supported by NPU	DirectML, OpenVINO, Windows ML, ONNX RT, WebNN	Brand specific technologies	Control Vault 3+, Express Charge Boost capable
Total processor performance up to	96 TOPs	<b>Battery</b>	
NPU performance up to	13 TOPs	Battery technology	Lithium Polymer (LiPo)
GPU performance up to	74 TOPs	Number of battery cells	4
<b>Memory</b>		Battery capacity *	72 Wh
Internal memory *	16 GB	Battery voltage	15.6 V
Internal memory type	LPDDR5x-SDRAM	Battery recharge time	3 h
Memory layout (slots x size)	1 x 16 GB	Fast charging	✓
Maximum internal memory *	64 GB	Battery weight	270 g
Memory channels	Dual-channel	<b>Power</b>	
Memory data transfer rate	7467 MT/s	AC adapter power	100 W
Non-ECC	✓	AC adapter frequency	50/60 Hz
<b>Storage</b>		AC adapter input voltage	100 - 240 V
Total storage capacity *	512 GB	USB Type-C charging port *	✓
Storage media *	SSD	USB Type-C required charging power (min) *	45 W
Total SSDs capacity	512 GB	USB Type-C required charging power (max) *	71 W
Number of SSDs installed	1	USB Power Delivery (USB PD)	✓
SSD capacity	512 GB	<b>Security</b>	
SSD interface	PCI Express 4.0	Cable lock slot	✓
NVMe	✓	Cable lock slot type	Wedge
SSD form factor	M.2	Fingerprint reader	✓
SSD performance class	35	Smart card reader	✓
M.2 SSD size	2230 (22 x 30 mm)	Windows Hello	✓
Optical drive type *	✗	Trusted Platform Module (TPM)	✓
<b>Graphics</b>		Trusted Platform Module (TPM) version	2.0
Discrete graphics card model *	Not available	<b>Operational conditions</b>	
On-board graphics card *	✓	Operating temperature (T-T)	0 - 35 °C
On-board GPU manufacturer	Intel	Storage temperature (T-T)	-40 - 65 °C
Discrete graphics card *	✗	Operating relative humidity (H-H)	10 - 90%
On-board graphics card family	Intel Arc Graphics	Storage relative humidity (H-H)	0 - 95%
On-board graphics card model *	Intel Arc 140T	Operating altitude	-15.2 - 3048 m
<b>Audio</b>		Non-operating altitude	-15.2 - 10668 m
Audio chip	Realtek ALC3329	Operating shock	110 G
Audio system	MaxxAudio Pro	Non-operating shock	160 G
Number of built-in speakers	2	Operating vibration	0.66 G
Speakers manufacturer	Waves	Non-operating vibration	1.3 G
Speaker power	2 W	<b>Sustainability</b>	
Built-in microphone	✓	Sustainability certificates	ENERGY STAR, EPEAT Climate +, EPEAT Gold
Number of microphones	2		
<b>Camera</b>			
Front camera	✓		

**Weight & dimensions**

Width	313 mm
Depth	227.3 mm
Height (front)	1.48 cm
Height (rear)	1.89 cm
Weight *	1.83 kg

**Packaging content**

AC adapter included *	✓
Cables included	AC



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