



DELL Pro Max 16 MC16250 Intel Core Ultra 7 255H Mobile workstation 40.6 cm (16") Full HD+ 32 GB DDR5-SDRAM 1 TB SSD Wi-Fi 7 (802.11be) Windows 11 Pro Black

Brand : DELL

Product family: Pro

Product code: 362M3

Product name : MC16250

- Windows 11 Pro 64-bit
- Intel Core Ultra 7 255H (24MB Cache)
- 40.6 cm (16") Full HD+ 1920 x 1200 WVA
- 32GB DDR5-SDRAM (2 x 16) & 1000GB SSD
Intel Core Ultra 7 255H (24MB Cache), 32GB DDR5-SDRAM, 1000GB SSD, 40.6 cm (16") Full HD+ 1920 x 1200 WVA, Intel Arc 140T, LAN, WLAN, Webcam, Windows 11 Pro 64-bit

DELL Pro Max 16 MC16250 Intel Core Ultra 7 255H Mobile workstation 40.6 cm (16") Full HD+ 32 GB DDR5-SDRAM 1 TB SSD Wi-Fi 7 (802.11be) Windows 11 Pro Black:

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.

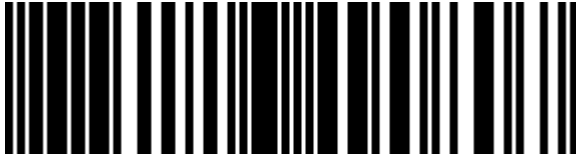
DELL Pro Max 16 MC16250. Product type: Mobile workstation, Form factor: Clamshell. Processor family: Intel Core Ultra 7, Processor model: 255H. Display diagonal: 40.6 cm (16"), HD type: Full HD+, Display resolution: 1920 x 1200 pixels. Internal memory: 32 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 1 TB, 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	Front camera	✓
Product colour *	Black	Front camera resolution (numeric)	2.07 MP
Form factor *	Clamshell	Front camera resolution	1920 x 1080 pixels
Market positioning	Business	Front camera HD type	Full HD
Display		Video capturing speed	30 fps
Display diagonal *	40.6 cm (16")	Infrared (IR) camera	✓
Display resolution *	1920 x 1200 pixels	Privacy camera	✓
Touchscreen *	✗	Privacy type	Privacy shutter
HD type	Full HD+	Network	
Panel type	WVA	Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
Native aspect ratio	16:10	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)
Anti-glare screen	✓	Mobile network connection *	✗
Display brightness	300 cd/m²	Wi-Fi band	Tri-band (2.4 GHz / 5 GHz / 6 GHz)
Pixel density	142 ppi	Antenna type	2x2
RGB colour space	NTSC	WLAN controller model	Intel Wi-Fi 7 BE201
Colour gamut	45%	WLAN controller manufacturer	Intel
Maximum refresh rate	60 Hz	Ethernet LAN	✓
Contrast ratio (typical)	1000:1	Ethernet LAN data rates	10,100,1000 Mbit/s
Processor		Bluetooth	✓
Processor manufacturer *	Intel	Ports & interfaces	
Processor family *	Intel Core Ultra 7	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Processor generation	Intel Core Ultra (Series 2)	Ethernet LAN (RJ-45) ports	1
Processor model *	255H	HDMI ports quantity *	1
Processor cores	16	HDMI version	2.1
Processor threads	16	Thunderbolt 4 ports quantity	2
Processor boost frequency	5.1 GHz	Intel® Thunderbolt 4	✓
Performance cores	6	Combo headphone/mic port	✓
Efficient cores	8	USB Type-C DisplayPort Alternate Mode	✓
Low Power Efficient-cores	2		
Performance-core Max Turbo Frequency	5.1 GHz		
Efficient-core Max Turbo Frequency	4.4 GHz		

Processor		Ports & interfaces	
Low Power Efficient-core Max Turbo Frequency	2.5 GHz	PowerShare	✓
Performance-core base frequency	2 GHz	Performance	
Efficient-core base frequency	1.5 GHz	Motherboard chipset	Intel SoC
Low Power Efficient-core Base Frequency	700 MHz	Accelerometer	✓
Processor cache	24 MB	Hall sensor	✓
Processor base power	28 W	Keyboard	
Maximum turbo power	115 W	Pointing device	Touchpad
Neural processor unit (NPU)		Numeric keypad *	✓
Neural processor unit (NPU)	Intel AI Boost	Keyboard backlit	✓
Sparsity support	✓	Copilot key	✓
Windows Studio effects support	✓	Software	
AI software frameworks supported by NPU	DirectML, OpenVINO, Windows ML, ONNX RT, WebNN	Operating system architecture	64-bit
Total processor performance up to	96 TOPs	Operating system installed *	Windows 11 Pro
NPU performance up to	13 TOPs	Brand-specific features	
GPU performance up to	74 TOPs	Brand specific technologies	Express Charge Boost capable
Memory		Battery	
Internal memory *	32 GB	Battery technology	Lithium Polymer (LiPo)
Internal memory type	DDR5-SDRAM	Number of battery cells	4
Memory form factor	SO-DIMM	Battery capacity *	64 Wh
Memory layout (slots x size)	2 x 16 GB	Battery voltage	15.6 V
Memory slots	2x SO-DIMM	Battery recharge time	3 h
Maximum internal memory *	64 GB	Fast charging	✓
Memory channels	Dual-channel	Battery weight	255 g
Memory data transfer rate	5600 MT/s	Power	
Non-ECC	✓	AC adapter power	100 W
Storage		AC adapter frequency	50/60 Hz
Total storage capacity *	1 TB	AC adapter input voltage	100 - 240 V
Storage media *	SSD	USB Type-C charging port *	✓
Total SSDs capacity	1 TB	USB Type-C required charging power (min) *	45 W
Number of SSDs installed	1	USB Type-C required charging power (max) *	100 W
SSD capacity	1 TB	USB Power Delivery (USB PD)	✓
SSD interface	PCI Express 4.0	USB charging voltage	20,5,9,15 V
NVMe	✓	Security	
SSD form factor	M.2	Cable lock slot	✓
SSD performance class	40	Cable lock slot type	Wedge
M.2 SSD size	2280 (22 x 80 mm)	Trusted Platform Module (TPM)	✓
Optical drive type *	✗	Trusted Platform Module (TPM) version	2.0
Card reader integrated	✓	Operational conditions	
Compatible memory cards	MicroSD (TransFlash), MicroSDHC, MicroSDXC	Operating temperature (T-T)	0 - 35 °C
Graphics		Storage temperature (T-T)	-40 - 65 °C
Discrete graphics card model *	Not available	Operating relative humidity (H-H)	10 - 90%
On-board graphics card *	✓	Storage relative humidity (H-H)	0 - 95%
On-board GPU manufacturer	Intel	Operating altitude	-15.2 - 3048 m
Discrete graphics card *	✗	Non-operating altitude	-15.2 - 10668 m
On-board graphics card family	Intel Arc Graphics	Operating shock	110 G
On-board graphics card model *	Intel Arc 140T	Non-operating shock	160 G
Audio		Operating vibration	0.66 G
Audio chip	Realtek ALC3329	Non-operating vibration	1.3 G
Audio system	MaxxAudio Pro	Sustainability	
Number of built-in speakers	2	Sustainability certificates	ENERGY STAR, EPEAT Gold
Speakers manufacturer	Waves	Weight & dimensions	
Speaker power	2.5 W	Width	358 mm
Built-in microphone	✓		
Number of microphones	2		

Weight & dimensions	
Depth	256 mm
Height (front)	1.51 cm
Height (rear)	1.91 cm
Weight *	2.1 kg
Packaging content	
AC adapter included *	✓



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