



DELL Pro Max 16 MC16255 Copilot+ PC AMD Ryzen AI 7 PRO PRO 350 Mobile workstation 40.6 cm (16") Full HD+ 32 GB LPDDR5x-SDRAM 512 GB SSD NVIDIA RTX PRO 500 Blackwell Wi-Fi 7 (802.11be) Windows 11 Pro Black Czech, Slovakian



Brand : DELL

Product family: Pro Max

Product code: GXPFW

Product name : MC16255

DELL Pro Max 16 MC16255. Product type: Mobile workstation, Form factor: Clamshell. Processor family: AMD Ryzen AI 7 PRO, Processor model: PRO 350, Processor frequency: 2 GHz. Display diagonal: 40.6 cm (16"), HD type: Full HD+, Display resolution: 1920 x 1200 pixels. Internal memory: 32 GB, Internal memory type: LPDDR5x-SDRAM. Total storage capacity: 512 GB, Storage media: SSD. On-board graphics card model: AMD Radeon 860M. Operating system installed: Windows 11 Pro. Product colour: Black

Design		Network	
Colour name	Magnetite	Wi-Fi band	Tri-band (2.4 GHz / 5 GHz / 6 GHz)
Product type *	Mobile workstation	Wi-Fi data rate (max)	2882 Mbit/s
Product colour *	Black	Antenna type	2x2
Form factor *	Clamshell	WLAN controller model	MediaTek MT7925
Market positioning	Business	WLAN controller manufacturer	MediaTek
Certified refurbished	✗	Ethernet LAN	✓
Display		Ethernet LAN data rates	10,100,1000 Mbit/s
Display diagonal *	40.6 cm (16")	Bluetooth	✓
Display resolution *	1920 x 1200 pixels	Ports & interfaces	
Touchscreen *	✗	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
HD type	Full HD+	Ethernet LAN (RJ-45) ports	1
Panel type	WVA	HDMI ports quantity *	1
Native aspect ratio	16:10	HDMI version	2.1
Anti-glare screen	✓	Thunderbolt 4 ports quantity	2
Display brightness	400 cd/m²	Intel® Thunderbolt 4	✓
Pixel density	142 ppi	Combo headphone/mic port	✓
RGB colour space	NTSC	PowerShare	✓
Colour gamut	45%	Performance	
Display response rise/fall	35 ms	Motherboard chipset	AMD SoC
Maximum refresh rate	60 Hz	Accelerometer	✓
Contrast ratio (typical)	1000:1	Hall sensor	✓
Processor		Keyboard	
Processor manufacturer *	AMD	Pointing device	Touchpad
Processor family *	AMD Ryzen AI 7 PRO	Numeric keypad *	✓
Processor generation	AMD Ryzen AI PRO 300 Series	Keyboard backlit	✓
Processor model *	PRO 350	Keyboard language	Czech, Slovakian
Processor cores	8	Copilot key	✓
Processor threads	16	Software	
Processor boost frequency	5 GHz	Operating system architecture	64-bit
Processor frequency *	2 GHz		
Processor cache type	L2 & L3		

Processor		Software	
L3 cache	16 MB	Trial software	Activate Your Microsoft 365 For A 30 Day Trial
L2 cache	8 MB	Operating system installed *	Windows 11 Pro
Neural processor unit (NPU)		Brand-specific features	
Copilot+ PC	✓	Brand specific technologies	Control Vault 3+, Express Charge Boost capable, HDR Camera, TNR
Neural processor unit (NPU)	AMD Ryzen AI	Battery	
Total processor performance up to	66 TOPs	Battery technology	Lithium Polymer (LiPo)
NPU performance up to	50 TOPs	Number of battery cells	6
Memory		Battery capacity *	96 Wh
Internal memory *	32 GB	Battery voltage	11.7 V
Internal memory type	LPDDR5x-SDRAM	Battery recharge time	3 h
Memory form factor	On-board	Fast charging	✓
Memory layout (slots x size)	1 x 32 GB	Battery weight	351 g
Maximum internal memory *	32 GB	Power	
Memory channels	Dual-channel	USB Type-C charging port *	✓
Memory data transfer rate	8000 MT/s	USB Type-C required charging power (min) *	45 W
Non-ECC	✓	USB Type-C required charging power (max) *	96 W
Storage		USB Power Delivery (USB PD)	✓
Total storage capacity *	512 GB	USB charging voltage	5,9,15,20 V
Storage media *	SSD	Security	
Total SSDs capacity	512 GB	Cable lock slot	✓
Number of SSDs installed	1	Cable lock slot type	Wedge
SSD capacity	512 GB	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	
Optical drive type *	✗	Operating temperature (T-T)	0 - 35 °C
Card reader integrated	✓	Storage temperature (T-T)	-40 - 65 °C
Compatible memory cards	MicroSD (TransFlash)	Operating relative humidity (H-H)	10 - 90%
Graphics		Storage relative humidity (H-H)	0 - 95%
Discrete GPU manufacturer	NVIDIA	Operating altitude	-15.2 - 3048 m
Discrete graphics card model *	NVIDIA RTX PRO 500 Blackwell	Non-operating altitude	-15.2 - 10668 m
Discrete graphics card memory	6 GB	Operating shock	110 G
Discrete graphics memory type	GDDR7	Non-operating shock	160 G
On-board graphics card *	✓	Operating vibration	0.66 G
On-board GPU manufacturer	AMD	Non-operating vibration	1.3 G
Discrete graphics card *	✓	Weight & dimensions	
On-board graphics card family	AMD Radeon	Width	358 mm
On-board graphics card model *	AMD Radeon 860M	Depth	256 mm
Audio		Height (front)	1.51 cm
Audio chip	Realtek ALC3329	Height (rear)	1.91 cm
Number of built-in speakers	2	Weight *	2.08 kg
Speaker power	2 W	Carbon footprint	
Built-in microphone	✓	Total carbon footprint (kg of CO2e)	121
Number of microphones	2	Carbon emissions, manufacturing (kg of CO2e)	95.83
Camera		Carbon emissions, logistics (kg of CO2e)	3.87
Front camera	✓	Carbon emissions, energy usage (kg of CO2e)	20.69
Front camera resolution (numeric)	2.07 MP	Carbon emissions, end-of-life (kg of CO2e)	0.61
Front camera resolution	1920 x 1080 pixels	PAIA version	GaBi version 1, 2025
Front camera HD type	Full HD		
Video capturing speed	30 fps		
Privacy camera	✓		
Privacy type	Privacy shutter		
Network			
Top Wi-Fi standard *	Wi-Fi 7 (802.11be)		

Network		Packaging content	
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)	AC adapter included *	✗
Mobile network connection *	✗		



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Catalog Object Cloud



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