



DELL Pro Max 16 MC16255 Copilot+ PC AMD Ryzen AI 5 PRO PRO 340 Laptop 40.6 cm (16") Full HD+ 16 GB LPDDR5x-SDRAM 256 GB SSD Wi-Fi 7 (802.11be) Windows 11 Pro Black US English

Brand : DELL

Product family: Pro Max

Product code: 588GF

Product name : MC16255

- Windows 11 Pro 64-bit
- AMD Ryzen AI 5 PRO 340 (2GHz)
- 16" Full HD+ 1920 x 1200 WVA
- 16GB LPDDR5x-SDRAM & 256GB SSD
AMD Ryzen AI 5 PRO 340 (2GHz), 16GB LPDDR5x-SDRAM, 256GB SSD, 16" Full HD+ 1920 x 1200 WVA,
AMD Radeon 840M, LAN, WLAN, Webcam, Windows 11 Pro 64-bit

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Thin, powerful, and built for portability

The Dell Pro Max 16 combines performance and portability to deliver exceptional value. Powered by AMD Ryzen processors, it offers outstanding battery life and seamless on-device AI experiences.

DELL Pro Max 16 MC16255. Product type: Laptop, Form factor: Clamshell. Processor family: AMD Ryzen AI 5 PRO, Processor model: PRO 340, Processor frequency: 2 GHz. Display diagonal: 40.6 cm (16"), HD type: Full HD+, Display resolution: 1920 x 1200 pixels. Internal memory: 16 GB, Internal memory type: LPDDR5x-SDRAM. Total storage capacity: 256 GB, Storage media: SSD. On-board graphics card model: AMD Radeon 840M. Operating system installed: Windows 11 Pro. Product colour: Black



Design		Network	
Colour name	Magnetite	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)
Product type *	Laptop	Mobile network connection *	✗
Product colour *	Black	Wi-Fi band	Tri-band (2.4 GHz / 5 GHz / 6 GHz)
Form factor *	Clamshell	Wi-Fi data rate (max)	2882 Mbit/s
Display		WLAN controller model	MediaTek MT7925
Display diagonal *	40.6 cm (16")	WLAN controller manufacturer	MediaTek
Display resolution *	1920 x 1200 pixels	Ethernet LAN	✓
Touchscreen *	✗	Ethernet LAN data rates	10,100,1000 Mbit/s
HD type	Full HD+	Bluetooth	✓
Panel type	WVA	Ports & interfaces	
Native aspect ratio	16:10	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Anti-glare screen	✓	Ethernet LAN (RJ-45) ports	1
Display brightness	400 cd/m²	HDMI ports quantity *	1
Pixel density	142 ppi	HDMI version	2.1
RGB colour space	NTSC	Thunderbolt 4 ports quantity	2
Colour gamut	45%	Intel® Thunderbolt 4	✓
Display response rise/fall	35 ms	Combo headphone/mic port	✓
Maximum refresh rate	60 Hz	PowerShare	✓
Contrast ratio (typical)	1000:1	Performance	
Processor		Motherboard chipset	AMD SoC
Processor manufacturer *	AMD	Accelerometer	✓
Processor family *	AMD Ryzen AI 5 PRO	Hall sensor	✓
Processor generation	AMD Ryzen AI 300 Series	Keyboard	
Processor model *	PRO 340	Pointing device	Touchpad
Processor cores	6	Numeric keypad *	✓
Processor threads	12	Keyboard backlit	✓
Processor boost frequency	4.8 GHz	Keyboard language	US English
Processor frequency *	2 GHz		
Processor cache type	L2 & L3		
L3 cache	16 MB		
L2 cache	6 MB		

Processor		Keyboard	
Processor base power	28 W	Copilot key	✓
Neural processor unit (NPU)		Software	
Copilot+ PC	✓	Operating system architecture	64-bit
Neural processor unit (NPU)	AMD Ryzen AI	Operating system language	English, French, Spanish, Brazilian-Portuguese
Total processor performance up to	59 TOPs	Trial software	Activate Your Microsoft 365 For A 30 Day Trial
NPU performance up to	50 TOPs	Operating system installed *	Windows 11 Pro
Memory		Brand-specific features	
Internal memory *	16 GB	Brand specific technologies	Express Charge Boost capable, TNR
Internal memory type	LPDDR5x-SDRAM	Battery	
Memory form factor	On-board	Battery technology	Lithium Polymer (LiPo)
Maximum internal memory *	16 GB	Number of battery cells	4
Memory channels	Dual-channel	Battery capacity *	64 Wh
Memory data transfer rate	8000 MT/s	Battery voltage	15.6 V
Non-ECC	✓	Battery recharge time	3 h
Storage		Fast charging	✓
Total storage capacity *	256 GB	Battery weight	255 g
Storage media *	SSD	Power	
Total SSDs capacity	256 GB	AC adapter power	100 W
Number of SSDs installed	1	AC adapter frequency	50/60 Hz
SSD capacity	256 GB	AC adapter input voltage	100 - 240 V
SSD interface	PCI Express 4.0	USB Type-C charging port *	✓
NVMe	✓	USB Type-C required charging power (min) *	45 W
SSD form factor	M.2	USB Power Delivery (USB PD)	✓
SSD performance class	35	USB charging voltage	5,9,15,20 V
M.2 SSD size	2280 (22 x 80 mm)	Security	
Optical drive type *	✗	Cable lock slot	✓
Card reader integrated	✓	Cable lock slot type	Wedge
Compatible memory cards	MicroSD (TransFlash)	Fingerprint reader	✓
Graphics		Trusted Platform Module (TPM)	✓
Discrete graphics card model *	Not available	Trusted Platform Module (TPM) version	2.0
On-board graphics card *	✓	Operational conditions	
On-board GPU manufacturer	AMD	Operating temperature (T-T)	0 - 35 °C
Discrete graphics card *	✗	Storage temperature (T-T)	-40 - 65 °C
On-board graphics card family	AMD Radeon	Operating relative humidity (H-H)	10 - 90%
On-board graphics card model *	AMD Radeon 840M	Storage relative humidity (H-H)	0 - 95%
Audio		Operating altitude	-15.2 - 3048 m
Audio chip	Realtek ALC3329	Non-operating altitude	-15.2 - 10668 m
Number of built-in speakers	2	Operating shock	110 G
Speaker power	2 W	Non-operating shock	160 G
Built-in microphone	✓	Operating vibration	0.66 G
Number of microphones	2	Non-operating vibration	1.3 G
Camera		Sustainability	
Front camera	✓	Sustainability certificates	ENERGY STAR, EPEAT Gold, EPEAT Climate +
Front camera resolution (numeric)	2.07 MP	Weight & dimensions	
Front camera resolution	1920 x 1080 pixels	Width	358 mm
Front camera HD type	Full HD	Depth	256 mm
Video capturing speed	30 fps	Height (front)	1.51 cm
Privacy camera	✓	Height (rear)	1.91 cm
Privacy type	Privacy shutter	Weight *	2.08 kg
Network		Packaging content	
Top Wi-Fi standard *	Wi-Fi 7 (802.11be)	AC adapter included *	✓



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Catalog Object Cloud



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