



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 UK English Black



Brand : DELL

Product family: Pro Max

Product code: 69YP4

Product name : MC16255

- Windows 11 Pro 64-bit
 - AMD Ryzen AI 7 PRO 350 (2GHz)
 - 16" Full HD+ 1920 x 1200 WVA, NVIDIA RTX PRO 500 Blackwell (6GB GDDR7)
 - 32GB LPDDR5x-SDRAM (1 x 32) & 512GB SSD
- AMD Ryzen AI 7 PRO 350 (2GHz), 32GB LPDDR5x-SDRAM, 512GB SSD, 16" Full HD+ 1920 x 1200 WVA, AMD Radeon 860M, NVIDIA RTX PRO 500 Blackwell (6GB GDDR7), 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.

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/m ²	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	UK English
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 NPU performance up to	66 TOPs 50 TOPs	Battery technology	Lithium Polymer (LiPo)
Memory		Number of battery cells	6
Internal memory *	32 GB	Battery capacity *	96 Wh
Internal memory type	LPDDR5x-SDRAM	Battery voltage	11.7 V
Memory form factor	On-board	Battery recharge time	3 h
Memory layout (slots x size)	1 x 32 GB	Fast charging	✓
Maximum internal memory *	32 GB	Battery weight	351 g
Memory data transfer rate	8000 MT/s	Power	
Non-ECC	✓	USB Type-C charging port *	✓
Storage		USB Type-C required charging power (min) *	45 W
Total storage capacity *	512 GB	USB Type-C required charging power (max) *	96 W
Storage media *	SSD	USB Power Delivery (USB PD)	✓
Total SSDs capacity	512 GB	USB charging voltage	5,9,15,20 V
Number of SSDs installed	1	Security	
SSD capacity	512 GB	Cable lock slot	✓
SSD interface	PCI Express 4.0	Cable lock slot type	Wedge
NVMe	✓	Fingerprint reader	✓
SSD form factor	M.2	Trusted Platform Module (TPM)	✓
Optical drive type *	✗	Trusted Platform Module (TPM) version	2.0
Card reader integrated	✓	Operational conditions	
Compatible memory cards	MicroSD (TransFlash)	Operating temperature (T-T)	0 - 35 °C
Graphics		Storage temperature (T-T)	-40 - 65 °C
Discrete GPU manufacturer	NVIDIA	Operating relative humidity (H-H)	10 - 90%
Discrete graphics card model *	NVIDIA RTX PRO 500 Blackwell	Storage relative humidity (H-H)	0 - 95%
Discrete graphics card memory	6 GB	Operating altitude	-15.2 - 3048 m
Discrete graphics memory type	GDDR7	Non-operating altitude	-15.2 - 10668 m
On-board graphics card *	✓	Operating shock	110 G
On-board GPU manufacturer	AMD	Non-operating shock	160 G
Discrete graphics card *	✓	Operating vibration	0.66 G
On-board graphics card family	AMD Radeon	Non-operating vibration	1.3 G
On-board graphics card model *	AMD Radeon 860M	Weight & dimensions	
Audio		Width	358 mm
Audio chip	Realtek ALC3329	Depth	256 mm
Number of built-in speakers	2	Height (front)	1.51 cm
Speaker power	2 W	Height (rear)	1.91 cm
Built-in microphone	✓	Weight *	2.08 kg
Number of microphones	2	Carbon footprint	
Camera		Total carbon footprint (kg of CO2e)	121
Front camera	✓	Carbon emissions, manufacturing (kg of CO2e)	95.83
Front camera resolution (numeric)	2.07 MP	Carbon emissions, logistics (kg of CO2e)	3.87
Front camera resolution	1920 x 1080 pixels	Carbon emissions, energy usage (kg of CO2e)	20.69
Front camera HD type	Full HD	Carbon emissions, end-of-life (kg of CO2e)	0.61
Video capturing speed	30 fps	PAIA version	GaBi version 1, 2025
Privacy camera	✓		
Privacy type	Privacy shutter		
Network			
Top Wi-Fi standard *	Wi-Fi 7 (802.11be)		
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)		

NetworkMobile network connection * ✘**Packaging content**AC adapter included * ✘



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Catalog Object Cloud



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