



DELL Pro Max 16 MC16255 Copilot+ PC AMD Ryzen AI 7 PRO PRO 350 Laptop 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 US English



Brand : DELL

Product family: Pro Max

Product code: MWV4P

Product name : MC16255

- Windows 11 Pro 64-bit
- AMD Ryzen AI 7 PRO 350 (3.5GHz)
- 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 (3.5GHz), 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	
Product type *	Laptop	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 colour *	Black	Mobile network connection *	✗
Form factor *	Clamshell	Wi-Fi band	Tri-band (2.4 GHz / 5 GHz / 6 GHz)
Market positioning	Business	Wi-Fi data rate (max)	2882 Mbit/s
Display		Antenna type	2x2
Display diagonal *	40.6 cm (16")	WLAN controller model	MediaTek MT7925
Display resolution *	1920 x 1200 pixels	WLAN controller manufacturer	MediaTek
Touchscreen *	✗	Ethernet LAN	✓
HD type	Full HD+	Ethernet LAN data rates	10,100,1000 Mbit/s
Panel type	WVA	Bluetooth	✓
Native aspect ratio	16:10	Near Field Communication (NFC)	✓
Anti-glare screen	✓	Ports & interfaces	
Display brightness	400 cd/m²	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Pixel density	142 ppi	Ethernet LAN (RJ-45) ports	1
RGB colour space	NTSC	HDMI ports quantity *	1
Colour gamut	45%	HDMI version	2.1
Display response rise/fall	35 ms	Thunderbolt 4 ports quantity	2
Maximum refresh rate	60 Hz	Intel® Thunderbolt 4	✓
Contrast ratio (typical)	1000:1	Combo headphone/mic port	✓
Processor		PowerShare	✓
Processor manufacturer *	AMD	Performance	
Processor family *	AMD Ryzen AI 7 PRO	Motherboard chipset	AMD SoC
Processor generation	AMD Ryzen AI Max PRO 300 Series	Accelerometer	✓
Processor model *	PRO 350	Hall sensor	✓
Processor cores	8	Keyboard	
Processor threads	16	Pointing device	Touchpad
Processor boost frequency	5 GHz	Numeric keypad *	✓
Processor frequency *	3.5 GHz	Keyboard backlit	✓
L3 cache	16 MB		
L2 cache	8 MB		

Neural processor unit (NPU)		Keyboard	
Copilot+ PC	✓	Keyboard language	US English
Neural processor unit (NPU)	AMD Ryzen AI	Copilot key	✓
Total processor performance up to	66 TOPs	Software	
NPU performance up to	50 TOPs	Operating system architecture	64-bit
Memory		Operating system language	French, English, Spanish, Brazilian-Portuguese
Internal memory *	32 GB	Trial software	Activate Your Microsoft 365 For A 30 Day Trial
Internal memory type	LPDDR5x-SDRAM	Operating system installed *	Windows 11 Pro
Memory form factor	On-board	Brand-specific features	
Memory layout (slots x size)	1 x 32 GB	Brand specific technologies	Control Vault 3+, Express Charge Boost capable, HDR Camera, TNR
Maximum internal memory *	32 GB	Battery	
Memory channels	Dual-channel	Battery technology	Lithium Polymer (LiPo)
Memory data transfer rate	8000 MT/s	Number of battery cells	6
Non-ECC	✓	Battery capacity *	96 Wh
Storage		Battery voltage	11.7 V
Total storage capacity *	512 GB	Battery recharge time	3 h
Storage media *	SSD	Fast charging	✓
Total SSDs capacity	512 GB	Battery weight	351 g
Number of SSDs installed	1	Power	
SSD capacity	512 GB	AC adapter power	130 W
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 Type-C required charging power (max) *	96 W
M.2 SSD size	2230 (22 x 30 mm)	USB Power Delivery (USB PD)	✓
Optical drive type *	✗	USB charging voltage	5,9,15,20 V
Card reader integrated	✓	Security	
Compatible memory cards	MicroSD (TransFlash), MicroSDXC, MicroSDHC	Cable lock slot	✓
Graphics		Cable lock slot type	Wedge
Discrete GPU manufacturer	NVIDIA	Fingerprint reader	✓
Discrete graphics card model *	NVIDIA RTX PRO 500 Blackwell	Smart card reader	✓
Discrete graphics card memory	6 GB	Trusted Platform Module (TPM)	✓
Discrete graphics memory type	GDDR7	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 860M	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	2.5 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		Weight & dimensions	
Front camera	✓	Width	358 mm
Front camera resolution (numeric)	2.07 MP	Depth	256 mm
Front camera resolution	1920 x 1080 pixels	Height (front)	1.51 cm
Front camera HD type	Full HD	Height (rear)	1.91 cm
Video capturing speed	30 fps	Weight *	2.08 kg
Privacy camera	✓	Packaging content	
Privacy type	Privacy shutter	AC adapter included *	✓
Network		Packaging content	E5 Power Cord 1M for US
Top Wi-Fi standard *	Wi-Fi 7 (802.11be)		



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