



DELL Pro 16 PC16255 Copilot+ PC AMD Ryzen™ AI 7 350 Laptop 40.6 cm (16") Full HD+ 16 GB DDR5-SDRAM 512 GB SSD Wi-Fi 6E (802.11ax) Windows 11 Pro German Platinum

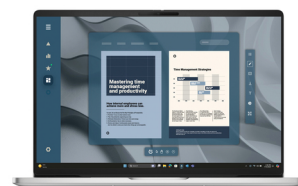
Brand : DELL

Product family: Pro

Product code: P112W

Product name : PC16255

DELL Pro 16 PC16255. Product type: Laptop, Form factor: Clamshell. Processor family: AMD Ryzen™ AI 7, Processor model: 350, Processor frequency: 3.5 GHz. Display diagonal: 40.6 cm (16"), HD type: Full HD+, Display resolution: 1920 x 1200 pixels. Internal memory: 16 GB, Internal memory type: DDR5-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: Platinum



Design		Network	
Product type *	Laptop	WLAN controller manufacturer	MediaTek
Product colour *	Platinum	Ethernet LAN	✓
Form factor *	Clamshell	Ethernet LAN data rates	10,100,1000 Mbit/s
Display		Bluetooth	✓
Display diagonal *	40.6 cm (16")	MIMO	✓
Display resolution *	1920 x 1200 pixels	MIMO type	Multi User MIMO
Touchscreen *	✗	Ports & interfaces	
HD type	Full HD+	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Panel type	IPS	USB4 Gen 3x2 ports quantity	2
Native aspect ratio	16:10	Ethernet LAN (RJ-45) ports	1
Anti-glare screen	✓	HDMI ports quantity *	1
Display brightness	300 cd/m²	HDMI version	2.1
Pixel density	141 ppi	Combo headphone/mic port	✓
RGB colour space	NTSC	Power adapter barrel connector	4.5 mm
Colour gamut	45%	USB Type-C DisplayPort Alternate Mode	✓
Maximum refresh rate	60 Hz	PowerShare	✓
Contrast ratio (typical)	1000:1	Number of USB ports with PowerShare support	1
Processor		Performance	
Processor manufacturer *	AMD	Hall sensor	✓
Processor family *	AMD Ryzen™ AI 7	Keyboard	
Processor generation	AMD Ryzen AI 300 Series	Pointing device	Touchpad
Processor model *	350	Numeric keypad *	✓
Processor cores	8	Keyboard backlit	✓
Processor threads	16	Keyboard language	German
Processor boost frequency	5 GHz	Copilot key	✓
Processor frequency *	3.5 GHz	Software	
L3 cache	16 MB	Operating system architecture	64-bit
L2 cache	8 MB	Trial software	Activate Your Microsoft 365 For A 30 Day Trial
Neural processor unit (NPU)		Operating system installed *	Windows 11 Pro
Copilot+ PC	✓		
Neural processor unit (NPU)	AMD Ryzen AI		
Total processor performance up to	66 TOPs		
NPU performance up to	50 TOPs		

Memory		Brand-specific features	
Internal memory *	16 GB	Brand specific technologies	Express Charge Boost capable, HDR Camera, TNR
Internal memory type	DDR5-SDRAM	Battery	
Memory form factor	SO-DIMM	Number of battery cells	3
Memory layout (slots x size)	1 x 16 GB	Battery capacity *	55 Wh
Memory slots	2x SO-DIMM	Battery voltage	11.7 V
Maximum internal memory *	64 GB	Battery recharge time	4 h
Memory data transfer rate	5600 MT/s	Fast charging	✓
Storage		Battery weight	210 g
Total storage capacity *	512 GB	Power	
Storage media *	SSD	AC adapter frequency	50 - 60 Hz
Total SSDs capacity	512 GB	AC adapter input voltage	100 - 240 V
Number of SSDs installed	1	DC-in jack	✓
SSD capacity	512 GB	USB Type-C charging port *	✓
SSD interface	PCI Express 4.0	USB Type-C required charging power (min) *	45 W
NVMe	✓	USB Type-C required charging power (max) *	65 W
SSD form factor	M.2	USB Power Delivery (USB PD)	✓
M.2 SSD size	2230 (22 x 30 mm)	USB charging voltage	5,9,15,20 V
Optical drive type *	✗	Security	
Graphics		Cable lock slot	✓
Discrete graphics card model *	Not available	Cable lock slot type	Wedge
On-board graphics card *	✓	Fingerprint reader	✓
Discrete graphics card *	✗	Face recognition	✓
On-board graphics card model *	AMD Radeon 860M	Trusted Platform Module (TPM)	✓
Audio		Trusted Platform Module (TPM) version	2.0
Audio chip	Realtek ALC3204	Operational conditions	
Audio system	High Definition Audio	Operating temperature (T-T)	0 - 40 °C
Number of built-in speakers	2	Storage temperature (T-T)	-40 - 65 °C
Speaker power	2.5 W	Operating relative humidity (H-H)	0 - 90%
Built-in microphone	✓	Storage relative humidity (H-H)	0 - 95%
Number of microphones	2	Operating altitude	-15.2 - 3048 m
Camera		Non-operating altitude	-15.2 - 10668 m
Front camera	✓	Operating shock	140 G
Front camera resolution (numeric)	2.07 MP	Operating vibration	0.66 G
Front camera resolution	1920 x 1080 pixels	Weight & dimensions	
Front camera HD type	Full HD	Width	358 mm
Video capturing speed	30 fps	Depth	251.8 mm
Infrared (IR) camera	✓	Height (front)	1.89 cm
Privacy camera	✓	Height (rear)	2.08 cm
Privacy type	Privacy shutter	Weight *	1.94 kg
Network		Packaging content	
Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)	AC adapter included *	✗
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6E (802.11ax)	Other features	
Mobile network connection *	✗	Surface treatment	metallic
Wi-Fi band	Tri-band (2.4 GHz / 5 GHz / 6 GHz)		
Wi-Fi data rate (max)	2400 Mbit/s		
Antenna type	2x2		
WLAN controller model	MediaTek MT7922		



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