



DELL Pro 16 PC16255 Copilot+ PC AMD Ryzen AI 7 PRO 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

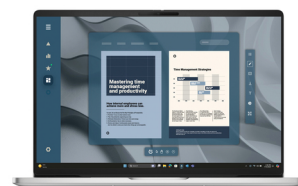
Brand : DELL

Product family: Pro

Product code: 3VYFV

Product name : Pro 16
PC16255

DELL Pro 16 PC16255. Product type: Laptop, Form factor: Clamshell. Processor family: AMD Ryzen AI 7 PRO, 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		Ports & interfaces	
Product type *	Laptop	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Product colour *	Platinum	USB4 Gen 3x2 ports quantity	2
Form factor *	Clamshell	Ethernet LAN (RJ-45) ports	1
Display		HDMI ports quantity *	1
Display diagonal *	40.6 cm (16")	HDMI version	2.1
Display resolution *	1920 x 1200 pixels	Combo headphone/mic port	✓
Touchscreen *	✗	Power adapter barrel connector	4.5 mm
HD type	Full HD+	USB Type-C DisplayPort Alternate Mode	✓
Panel type	IPS	PowerShare	✓
Native aspect ratio	16:10	Number of USB ports with PowerShare support	1
Anti-glare screen	✓	Performance	
Display brightness	300 cd/m²	Hall sensor	✓
Pixel density	141 ppi	Keyboard	
RGB colour space	NTSC	Pointing device	Touchpad
Colour gamut	45%	Numeric keypad *	✓
Maximum refresh rate	60 Hz	Keyboard backlit	✓
Contrast ratio (typical)	1000:1	Keyboard language	German
Processor		Copilot key	✓
Processor manufacturer *	AMD	Software	
Processor family *	AMD Ryzen AI 7 PRO	Operating system architecture	64-bit
Processor generation	AMD Ryzen AI PRO 300 Series	Trial software	Activate Your Microsoft 365 For A 30 Day Trial
Processor model *	350	Operating system installed *	Windows 11 Pro
Processor cores	8	Brand-specific features	
Processor threads	16	Brand specific technologies	Express Charge Boost capable, TNR
Processor boost frequency	5 GHz	Battery	
Processor frequency *	3.5 GHz	Number of battery cells	3
Processor cache	24 MB	Battery capacity *	55 Wh
Processor cache type	L2 & L3	Battery voltage	11.7 V
Neural processor unit (NPU)		Battery recharge time	4 h
Copilot+ PC	✓	Fast charging	✓
Neural processor unit (NPU)	AMD Ryzen AI		
Total processor performance up to	66 TOPs		
NPU performance up to	50 TOPs		

Memory		Battery	
Internal memory *	16 GB	Battery weight	210 g
Internal memory type	DDR5-SDRAM	Power	
Memory form factor	SO-DIMM	AC adapter power	65 W
Memory layout (slots x size)	1 x 16 GB	AC adapter frequency	50 - 60 Hz
Memory slots	2x SO-DIMM	AC adapter input voltage	100 - 240 V
Maximum internal memory *	64 GB	DC-in jack	✓
Memory data transfer rate	5600 MT/s	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) *	65 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	Face recognition	✓
M.2 SSD size	2230 (22 x 30 mm)	Trusted Platform Module (TPM)	✓
Optical drive type *	✗	Trusted Platform Module (TPM) version	2.0
Graphics		Operational conditions	
Discrete graphics card model *	Not available	Operating temperature (T-T)	0 - 40 °C
On-board graphics card *	✓	Storage temperature (T-T)	-40 - 65 °C
Discrete graphics card *	✗	Operating relative humidity (H-H)	0 - 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 ALC3204	Non-operating altitude	-15.2 - 10668 m
Audio system	High Definition Audio	Operating shock	140 G
Number of built-in speakers	2	Operating vibration	0.66 G
Speaker power	2.5 W	Weight & dimensions	
Built-in microphone	✓	Width	358 mm
Number of microphones	2	Depth	251.8 mm
Camera		Height (front)	1.89 cm
Front camera	✓	Height (rear)	2.08 cm
Front camera resolution (numeric)	2.07 MP	Weight *	1.94 kg
Front camera resolution	1920 x 1080 pixels	Carbon footprint	
Front camera HD type	Full HD	Total carbon footprint (kg of CO2e)	132
Video capturing speed	30 fps	Carbon emissions, manufacturing (kg of CO2e)	97.812
Infrared (IR) camera	✓	Carbon emissions, logistics (kg of CO2e)	6.072
Privacy camera	✓	Carbon emissions, energy usage (kg of CO2e)	25.08
Privacy type	Privacy shutter	Carbon emissions, end-of-life (kg of CO2e)	3.04
Network		PAIA version	GaBi version 1, 2024
Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)	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)	AC adapter included *	✓
Mobile network connection *	✗		
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		
WLAN controller manufacturer	MediaTek		
Ethernet LAN	✓		
Ethernet LAN data rates	10,100,1000 Mbit/s		
Bluetooth	✓		
MIMO	✓		
MIMO type	Multi User MIMO		



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