



DELL Pro 16 PC16255 Copilot+ PC AMD Ryzen™ AI 5 340 Laptop 40.6 cm (16") Full HD+ 16 GB DDR5-SDRAM 512 GB SSD Wi-Fi 6E (802.11ax) Windows 11 Pro German Platinum

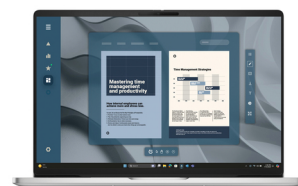
Brand : DELL

Product family: Pro

Product code: YXRKP

Product name : PC16255

DELL Pro 16 PC16255. Product type: Laptop, Form factor: Clamshell. Processor family: AMD Ryzen™ AI 5, Processor model: 340, Processor frequency: 3.4 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 840M. Operating system installed: Windows 11 Pro. Product colour: Platinum



Design		Ports & interfaces	
Colour name	Platinum silver	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Product type *	Laptop	USB4 Gen 3x2 ports quantity	2
Product colour *	Platinum	Ethernet LAN (RJ-45) ports	1
Form factor *	Clamshell	HDMI ports quantity *	1
Display		HDMI version	2.1
Display diagonal *	40.6 cm (16")	Combo headphone/mic port	✓
Display resolution *	1920 x 1200 pixels	Power adapter barrel connector	4.5 mm
Touchscreen *	✗	USB Type-C DisplayPort Alternate Mode	✓
HD type	Full HD+	PowerShare	✓
Panel type	IPS	Number of USB ports with PowerShare support	1
Native aspect ratio	16:10	Performance	
Anti-glare screen	✓	Hall sensor	✓
Display brightness	300 cd/m²	Keyboard	
Pixel density	141 ppi	Pointing device	Touchpad
RGB colour space	NTSC	Numeric keypad *	✓
Colour gamut	45%	Keyboard backlit	✓
Maximum refresh rate	60 Hz	Keyboard language	German
Contrast ratio (typical)	1000:1	Copilot key	✓
Processor		Software	
Processor manufacturer *	AMD	Operating system architecture	64-bit
Processor family *	AMD Ryzen™ AI 5	Trial software	Activate Your Microsoft 365 For A 30 Day Trial
Processor model *	340	Operating system installed *	Windows 11 Pro
Processor cores	6	Brand-specific features	
Processor threads	12	Brand specific technologies	Express Charge Boost capable, HDR Camera, TNR
Processor boost frequency	4.8 GHz	Battery	
Processor frequency *	3.4 GHz	Number of battery cells	3
L3 cache	16 MB	Battery capacity *	55 Wh
L2 cache	6 MB	Battery voltage	11.7 V
Processor base power	15 W	Battery recharge time	4 h
Maximum turbo power	54 W		
Neural processor unit (NPU)			
Copilot+ PC	✓		
Neural processor unit (NPU)	AMD Ryzen AI		
Total processor performance up to	59 TOPs		

Neural processor unit (NPU)		Battery	
NPU performance up to	50 TOPs	Fast charging	✓
Memory		Battery weight	210 g
Internal memory *	16 GB	Power	
Internal memory type	DDR5-SDRAM	AC adapter frequency	50 - 60 Hz
Memory form factor	SO-DIMM	AC adapter input voltage	100 - 240 V
Memory layout (slots x size)	1 x 16 GB	DC-in jack	✓
Memory slots	2x SO-DIMM	USB Type-C charging port *	✓
Maximum internal memory *	64 GB	USB Type-C required charging power (min) *	45 W
Memory data transfer rate	5600 MT/s	USB Type-C required charging power (max) *	65 W
Storage		USB Power Delivery (USB PD)	✓
Total storage capacity *	512 GB	USB charging voltage	5,9,15,20 V
Storage media *	SSD	Security	
Total SSDs capacity	512 GB	Cable lock slot	✓
Number of SSDs installed	1	Cable lock slot type	Wedge
SSD capacity	512 GB	Fingerprint reader	✓
SSD interface	PCI Express 4.0	Face recognition	✓
NVMe	✓	Trusted Platform Module (TPM)	✓
SSD form factor	M.2	Trusted Platform Module (TPM) version	2.0
Optical drive type *	✗	Operational conditions	
Graphics		Operating temperature (T-T)	0 - 40 °C
Discrete graphics card model *	Not available	Storage temperature (T-T)	-40 - 65 °C
On-board graphics card *	✓	Operating relative humidity (H-H)	0 - 90%
Discrete graphics card *	✗	Storage relative humidity (H-H)	0 - 95%
On-board graphics card model *	AMD Radeon 840M	Operating altitude	-15.2 - 3048 m
Audio		Non-operating altitude	-15.2 - 10668 m
Audio chip	Realtek ALC3204	Operating shock	140 G
Audio system	High Definition Audio	Operating vibration	0.66 G
Number of built-in speakers	2	Weight & dimensions	
Speaker power	2.5 W	Width	358 mm
Built-in microphone	✓	Depth	251.8 mm
Number of microphones	2	Height (front)	1.89 cm
Camera		Height (rear)	2.08 cm
Front camera	✓	Weight *	1.94 kg
Front camera resolution (numeric)	2.07 MP	Carbon footprint	
Front camera resolution	1920 x 1080 pixels	Total carbon footprint (kg of CO2e)	132
Front camera HD type	Full HD	Carbon emissions, manufacturing (kg of CO2e)	97.812
Video capturing speed	30 fps	Carbon emissions, logistics (kg of CO2e)	6.072
Infrared (IR) camera	✓	Carbon emissions, energy usage (kg of CO2e)	25.08
Privacy camera	✓	Carbon emissions, end-of-life (kg of CO2e)	3.036
Privacy type	Privacy shutter	PAIA version	GaBi version 1, 2024
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		
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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