



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

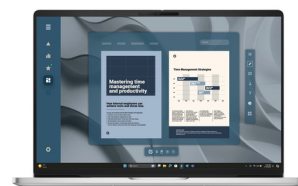
Brand : DELL

Product family: Pro

Product code: DFT4N

Product name : Pro 16
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		Network	
Product type *	Laptop	MIMO	✓
Product colour *	Platinum	MIMO type	Multi User MIMO
Form factor *	Clamshell	Ports & interfaces	
Display		USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Display diagonal *	40.6 cm (16")	USB4 Gen 3x2 ports quantity	2
Display resolution *	1920 x 1200 pixels	Ethernet LAN (RJ-45) ports	1
Touchscreen *	✗	HDMI ports quantity *	1
HD type	Full HD+	HDMI version	2.1
Panel type	IPS	Combo headphone/mic port	✓
Native aspect ratio	16:10	Power adapter barrel connector	4.5 mm
Anti-glare screen	✓	USB Type-C DisplayPort Alternate Mode	✓
Display brightness	300 cd/m²	PowerShare	✓
Pixel density	141 ppi	Number of USB ports with PowerShare support	1
RGB colour space	NTSC	Performance	
Colour gamut	45%	Hall sensor	✓
Maximum refresh rate	60 Hz	Keyboard	
Contrast ratio (typical)	1000:1	Pointing device	Touchpad
Processor		Numeric keypad *	✓
Processor manufacturer *	AMD	Keyboard backlit	✓
Processor family *	AMD Ryzen™ AI 5	Keyboard language	German
Processor generation	AMD Ryzen AI PRO 300 Series	Copilot key	✓
Processor model *	340	Software	
Processor cores	6	Operating system architecture	64-bit
Processor threads	12	Trial software	Activate Your Microsoft 365 For A 30 Day Trial
Processor boost frequency	4.8 GHz	Operating system installed *	Windows 11 Pro
Processor frequency *	3.4 GHz	Brand-specific features	
Processor cache	22 MB	Brand specific technologies	Express Charge Boost capable, TNR
Processor cache type	L2 & L3	Battery	
Processor base power	15 W	Number of battery cells	3
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	Battery capacity *	55 Wh
Memory		Battery voltage	11.7 V
Internal memory *	16 GB	Battery recharge time	4 h
Internal memory type	DDR5-SDRAM	Fast charging	✓
Memory form factor	SO-DIMM	Battery weight	210 g
Memory layout (slots x size)	1 x 16 GB	Power	
Memory slots	2x SO-DIMM	AC adapter power	65 W
Maximum internal memory *	64 GB	AC adapter frequency	50 - 60 Hz
Memory data transfer rate	5600 MT/s	AC adapter input voltage	100 - 240 V
Storage		DC-in jack	✓
Total storage capacity *	512 GB	USB Type-C charging port *	✓
Storage media *	SSD	USB Type-C required charging power (min) *	45 W
Total SSDs capacity	512 GB	USB Type-C required charging power (max) *	65 W
Number of SSDs installed	1	USB Power Delivery (USB PD)	✓
SSD capacity	512 GB	USB charging voltage	5,9,15,20 V
SSD interface	PCI Express 4.0	Security	
NVMe	✓	Cable lock slot	✓
SSD form factor	M.2	Cable lock slot type	Wedge
M.2 SSD size	2230 (22 x 30 mm)	Fingerprint reader	✓
Optical drive type *	✗	Face recognition	✓
Card reader integrated	✗	Trusted Platform Module (TPM)	✓
Graphics		Trusted Platform Module (TPM) version	2.0
Discrete graphics card model *	Not available	Operational conditions	
On-board graphics card *	✓	Operating temperature (T-T)	0 - 40 °C
Discrete graphics card *	✗	Storage temperature (T-T)	-40 - 65 °C
On-board graphics card model *	AMD Radeon 840M	Operating relative humidity (H-H)	0 - 90%
Audio		Storage relative humidity (H-H)	0 - 95%
Audio chip	Realtek ALC3204	Operating altitude	-15.2 - 3048 m
Audio system	High Definition Audio	Non-operating altitude	-15.2 - 10668 m
Number of built-in speakers	2	Operating shock	140 G
Speaker power	2.5 W	Operating vibration	0.66 G
Built-in microphone	✓	Weight & dimensions	
Number of microphones	2	Width	358 mm
Camera		Depth	251.8 mm
Front camera	✓	Height (front)	1.89 cm
Front camera resolution (numeric)	2.07 MP	Height (rear)	2.08 cm
Front camera resolution	1920 x 1080 pixels	Weight *	1.94 kg
Front camera HD type	Full HD	Carbon footprint	
Video capturing speed	30 fps	Total carbon footprint (kg of CO2e)	132
Infrared (IR) camera	✓	Carbon emissions, manufacturing (kg of CO2e)	97.812
Privacy camera	✓	Carbon emissions, logistics (kg of CO2e)	6.072
Privacy type	Privacy shutter	Carbon emissions, energy usage (kg of CO2e)	25.08
Network		Carbon emissions, end-of-life (kg of CO2e)	3.04
Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)	PAIA version	GaBi version 1, 2024
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6E (802.11ax)	Packaging content	
Mobile network connection *	✗	AC adapter included *	✓
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	✓		



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