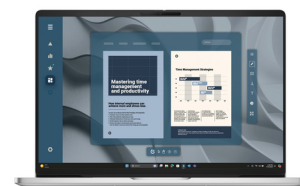




DELL Pro 16 PC16255 AMD Ryzen™ AI 5 340 Laptop 40.6 cm (16") Full HD+ 16 GB DDR5-SDRAM 512 GB SSD Wi-Fi 6E (802.11ax) Windows 11 Pro Black US English



Brand : DELL

Product family: Pro

Product code: NXR97

Product name : PC16255

- Windows 11 Pro 64-bit
 - AMD Ryzen AI 5 340 (3.4GHz)
 - 40.6 cm (16") Full HD+ 1920 x 1200 IPS
 - 16GB DDR5-SDRAM (1 x 16) & 512GB SSD
- AMD Ryzen AI 5 340 (3.4GHz), 16GB DDR5-SDRAM, 512GB SSD, 40.6 cm (16") Full HD+ 1920 x 1200 IPS, AMD Radeon 840M, LAN, WLAN, Webcam, Windows 11 Pro 64-bit

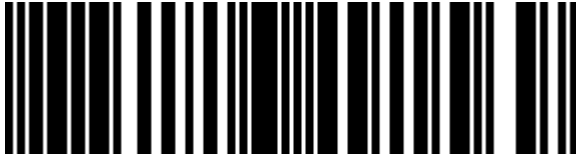
[DELL Pro 16 PC16255 AMD Ryzen™ AI 5 340 Laptop 40.6 cm \(16"\) Full HD+ 16 GB DDR5-SDRAM 512 GB SSD Wi-Fi 6E \(802.11ax\) Windows 11 Pro Black US English:](#)

16-inch laptop offering built-in AI capabilities and exceptional battery life with AMD processors in a sleek and durable design.

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: Black

Design		Network	
Product type *	Laptop	Antenna type	2x2
Product colour *	Black	WLAN controller model	MediaTek MT7922
Form factor *	Clamshell	WLAN controller manufacturer	MediaTek
Display		Ethernet LAN	✓
Display diagonal *	40.6 cm (16")	Ethernet LAN data rates	10,100,1000 Mbit/s
Display resolution *	1920 x 1200 pixels	Bluetooth	✓
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 5	Keyboard	
Processor model *	340	Pointing device	Touchpad
Processor cores	6	Numeric keypad *	✓
Processor threads	12	Keyboard backlit	✓
Processor boost frequency	4.8 GHz	Keyboard language	US English
Processor frequency *	3.4 GHz	Copilot key	✓
L3 cache	16 MB	Software	
L2 cache	6 MB	Operating system architecture	64-bit
Processor base power	15 W	Operating system installed *	Windows 11 Pro
Maximum turbo power	54 W		
Neural processor unit (NPU)			
Neural processor unit (NPU)	AMD Ryzen AI		

Neural processor unit (NPU)		Brand-specific features	
Total processor performance up to	59 TOPs	Brand specific technologies	Express Charge Boost capable, TNR
NPU performance up to	50 TOPs		
Memory		Battery	
Internal memory *	16 GB	Number of battery cells	3
Internal memory type	DDR5-SDRAM	Battery capacity *	55 Wh
Memory form factor	SO-DIMM	Battery voltage	11.7 V
Memory layout (slots x size)	1 x 16 GB	Battery recharge time	4 h
Memory slots	2x SO-DIMM	Fast charging	✓
Maximum internal memory *	64 GB	Battery weight	210 g
Memory data transfer rate	5600 MT/s		
Storage		Power	
Total storage capacity *	512 GB	AC adapter power	65 W
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 *	✗		
Graphics		Security	
Discrete graphics card model *	Not available	Cable lock slot	✓
On-board graphics card *	✓	Cable lock slot type	Wedge
Discrete graphics card *	✗	Face recognition	✓
On-board graphics card model *	AMD Radeon 840M	Trusted Platform Module (TPM)	✓
		Trusted Platform Module (TPM) version	2.0
Audio		Operational conditions	
Audio chip	Realtek ALC3204	Operating temperature (T-T)	0 - 40 °C
Audio system	High Definition Audio	Storage temperature (T-T)	-40 - 65 °C
Number of built-in speakers	2	Operating relative humidity (H-H)	0 - 90%
Speaker power	2.5 W	Storage relative humidity (H-H)	0 - 95%
Built-in microphone	✓	Operating altitude	-15.2 - 3048 m
Number of microphones	2	Non-operating altitude	-15.2 - 10668 m
		Operating shock	140 G
		Operating vibration	0.66 G
Camera		Weight & dimensions	
Front camera	✓	Width	358 mm
Front camera resolution (numeric)	2.07 MP	Depth	251.8 mm
Front camera resolution	1920 x 1080 pixels	Height (front)	1.89 cm
Front camera HD type	Full HD	Height (rear)	2.08 cm
Video capturing speed	30 fps	Weight *	1.94 kg
Infrared (IR) camera	✓		
Privacy camera	✓		
Privacy type	Privacy shutter		
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)		
Mobile network connection *	✗		
Wi-Fi band	Tri-band (2.4 GHz / 5 GHz / 6 GHz)		
Wi-Fi data rate (max)	2400 Mbit/s		



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Catalog Object Cloud



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