



DELL Pro 16 PC16255 AMD Ryzen™ 5 PRO 230 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: J5K13

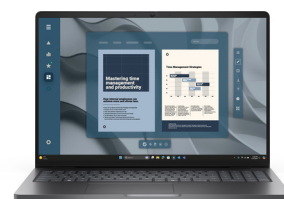
Product name : PC16255

- Windows 11 Pro 64-bit
- AMD Ryzen 5 PRO 230 (3.5GHz)
- 40.6 cm (16") Full HD+ 1920 x 1200 IPS
- 16GB DDR5-SDRAM (1 x 16) & 512GB SSD
AMD Ryzen 5 PRO 230 (3.5GHz), 16GB DDR5-SDRAM, 512GB SSD, 40.6 cm (16") Full HD+ 1920 x 1200 IPS, AMD Radeon 760M, LAN, WLAN, Webcam, Windows 11 Pro 64-bit

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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™ 5 PRO, Processor model: 230, 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 760M. Operating system installed: Windows 11 Pro. Product colour: Black

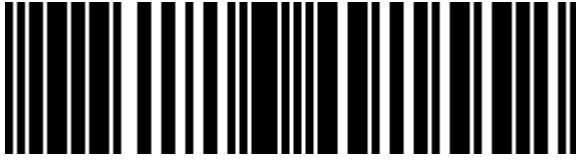


Design		Network	
Colour name	Magnetite	MIMO type	Multi User MIMO
Product type *	Laptop	Ports & interfaces	
Product colour *	Black	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Form factor *	Clamshell	USB4 Gen 3x2 ports quantity	2
Display		Ethernet LAN (RJ-45) ports	1
Display diagonal *	40.6 cm (16")	HDMI ports quantity *	1
Display resolution *	1920 x 1200 pixels	HDMI version	2.1
Touchscreen *	✗	Combo headphone/mic port	✓
HD type	Full HD+	Power adapter barrel connector	4.5 mm
Panel type	IPS	USB Type-C DisplayPort Alternate Mode	✓
Native aspect ratio	16:10	PowerShare	✓
Anti-glare screen	✓	Number of USB ports with PowerShare support	1
Display brightness	300 cd/m²	Performance	
Pixel density	141 ppi	Hall sensor	✓
RGB colour space	NTSC	Keyboard	
Colour gamut	45%	Pointing device	Touchpad
Maximum refresh rate	60 Hz	Numeric keypad *	✓
Contrast ratio (typical)	1000:1	Keyboard backlit	✓
Processor		Keyboard language	US English
Processor manufacturer *	AMD	Copilot key	✓
Processor family *	AMD Ryzen™ 5 PRO	Software	
Processor model *	230	Operating system architecture	64-bit
Processor cores	6	Trial software	Activate Your Microsoft 365 For A 30 Day Trial
Processor threads	12	Operating system installed *	Windows 11 Pro
Processor boost frequency	4.9 GHz	Brand-specific features	
Processor frequency *	3.5 GHz	Brand specific technologies	Express Charge Boost capable, TNR, HDR Camera, Presence Detection
L3 cache	16 MB		
L2 cache	6 MB		
Neural processor unit (NPU)			
Neural processor unit (NPU)	AMD Ryzen AI		
Total processor performance up to	31 TOPs		

Neural processor unit (NPU)		Battery	
NPU performance up to	16 TOPs	Number of battery cells	3
GPU performance up to	16 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)	Face recognition	✓
Optical drive type *	✗	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 760M	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)	97.81
Privacy camera	✓	Carbon emissions, logistics (kg of CO2e)	6.07
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	✓		

Network

MIMO 



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Catalog Object Cloud



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