



DELL Pro 16 PC16255 AMD Ryzen™ 5 PRO 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 UK English

Brand : DELL

Product family: Pro

Product code: FVGRR

Product name : PC16255

- Windows 11 Pro 64-bit
- AMD Ryzen 5 PRO 230 (3.5GHz)
- 16" Full HD+ 1920 x 1200 IPS

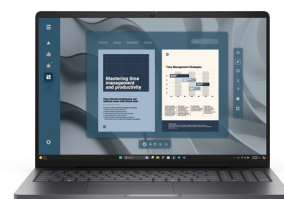
- 16GB DDR5-SDRAM (1 x 16) & 512GB SSD

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

DELL Pro 16 PC16255 AMD Ryzen™ 5 PRO 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 UK English:

A leap forward in professional-grade laptops from the number one vendor in commercial AI PCs worldwide. Featuring some of the thinnest, lightest, and quietest PCs in their class.

DELL Pro 16 PC16255. Product type: Laptop, Form factor: Clamshell. Processor family: AMD Ryzen™ 5 PRO, Processor model: PRO 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		Ports & interfaces	
Colour name	Magnetite	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 *	Black	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	UK English
Contrast ratio (typical)	1000:1	Copilot key	✓
Processor		Software	
Processor manufacturer *	AMD	Operating system architecture	64-bit
Processor family *	AMD Ryzen™ 5 PRO	Trial software	Activate Your Microsoft 365 For A 30 Day Trial
Processor generation	AMD Ryzen PRO 200 Series	Operating system installed *	Windows 11 Pro
Processor model *	PRO 230	Brand-specific features	
Processor cores	6	Brand specific technologies	HDR Camera, TNR, Express Charge Boost capable
Processor threads	12	Battery	
Processor boost frequency	4.9 GHz	Number of battery cells	3
Processor frequency *	3.5 GHz		
L3 cache	16 MB		
L2 cache	6 MB		
Neural processor unit (NPU)			
Neural processor unit (NPU)	AMD Ryzen AI		

Neural processor unit (NPU)		Battery	
Total processor performance up to	31 TOPs	Battery capacity *	55 Wh
NPU performance up to	16 TOPs	Battery voltage	11.7 V
Memory		Battery recharge time	4 h
Internal memory *	16 GB	Fast charging	✓
Internal memory type	DDR5-SDRAM	Battery weight	210 g
Memory form factor	SO-DIMM	Power	
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 760M	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)	97.81
Infrared (IR) camera	✓	Carbon emissions, logistics (kg of CO2e)	6.07
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 *	✗	Other features	
Wi-Fi band	Tri-band (2.4 GHz / 5 GHz / 6 GHz)	Surface treatment	textured
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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