



DELL Pro 14 PC14255 AMD Ryzen™ 5 PRO 230 Laptop 35.6 cm (14") Full HD+ 16 GB DDR5-SDRAM 512 GB SSD Wi-Fi 6E (802.11ax) Windows 11 Pro Black

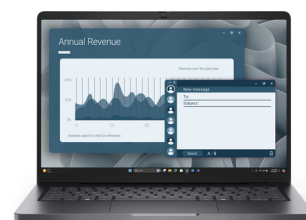
Brand : DELL

Product family: Pro

Product code:
BTO509_PC14255_EMEA

Product name : PC14255

DELL Pro 14 PC14255. Product type: Laptop, Form factor: Clamshell. Processor family: AMD Ryzen™ 5 PRO, Processor model: 230, Processor frequency: 3.5 GHz. Display diagonal: 35.6 cm (14"), 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	Ethernet LAN data rates	10,100,1000 Mbit/s
Product type *	Laptop	Bluetooth	✓
Product colour *	Black	Ports & interfaces	
Form factor *	Clamshell	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Display		Ethernet LAN (RJ-45) ports	1
Display diagonal *	35.6 cm (14")	HDMI ports quantity *	1
Display resolution *	1920 x 1200 pixels	HDMI version	2.1
Touchscreen *	✗	Thunderbolt 4 ports quantity	2
HD type	Full HD+	Intel® Thunderbolt 4	✓
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	162 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)	800:1	Pointing device	Touchpad
Processor		Numeric keypad *	✗
Processor manufacturer *	AMD	Keyboard backlit	✓
Processor family *	AMD Ryzen™ 5 PRO	Copilot key	✓
Processor model *	230	Software	
Processor cores	6	Operating system architecture	64-bit
Processor threads	12	Trial software	McAfee Business Protection 1-year, Microsoft Office Trial
Processor boost frequency	4.9 GHz	Operating system installed *	Windows 11 Pro
Processor frequency *	3.5 GHz	Battery	
Processor cache	22 MB	Number of battery cells	3
Processor cache type	L2 & L3	Battery capacity *	55 Wh
Processor base power	15 W	Battery recharge time	4 h
Maximum turbo power	30 W		
Neural processor unit (NPU)			
Neural processor unit (NPU)	AMD Ryzen AI		
Total processor performance up to	31 TOPs		
NPU performance up to	16 TOPs		

Memory		Battery	
Internal memory *	16 GB	Fast charging	✓
Internal memory type	DDR5-SDRAM	Power	
Memory form factor	SO-DIMM	AC adapter power	65 W
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	USB Type-C charging port *	✓
Memory data transfer rate	5600 MT/s	USB Type-C required charging power (min) *	45 W
Storage		USB Type-C required charging power (max) *	65 W
Total storage capacity *	512 GB	USB Power Delivery (USB PD)	✓
Storage media *	SSD	USB charging voltage	5,9,15,20 V
Total SSDs capacity	512 GB	Security	
Number of SSDs installed	1	Cable lock slot	✓
SSD capacity	512 GB	Cable lock slot type	Wedge
SSD interface	PCI Express 4.0	Fingerprint reader	✓
NVMe	✓	Trusted Platform Module (TPM)	✓
SSD form factor	M.2	Trusted Platform Module (TPM) version	2.0
M.2 SSD size	2230 (22 x 30 mm)	Operational conditions	
Optical drive type *	✗	Operating temperature (T-T)	0 - 40 °C
Graphics		Storage temperature (T-T)	-40 - 65 °C
Discrete graphics card model *	Not available	Operating relative humidity (H-H)	0 - 90%
On-board graphics card *	✓	Storage relative humidity (H-H)	0 - 95%
Discrete graphics card *	✗	Operating altitude	-15.2 - 3048 m
On-board graphics card model *	AMD Radeon 760M	Non-operating altitude	-15.2 - 10668 m
Audio		Operating shock	140 G
Audio chip	Realtek ALC3204	Operating vibration	0.66 G
Audio system	High Definition Audio	Weight & dimensions	
Number of built-in speakers	2	Width	313.7 mm
Speaker power	2.5 W	Depth	225.3 mm
Built-in microphone	✓	Height (front)	1.89 cm
Number of microphones	2	Height (rear)	2.04 cm
Camera		Weight *	1.36 kg
Front camera	✓	Carbon footprint	
Front camera resolution (numeric)	2.07 MP	Total carbon footprint (kg of CO2e)	142
Front camera resolution	1920 x 1080 pixels	Carbon emissions, manufacturing (kg of CO2e)	114.168
Front camera HD type	Full HD	Carbon emissions, logistics (kg of CO2e)	3.408
Video capturing speed	30 fps	Carbon emissions, energy usage (kg of CO2e)	22.862
Infrared (IR) camera	✓	Carbon emissions, end-of-life (kg of CO2e)	1.42
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 *	✗		
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	✓		

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