



DELL Pro 14 PC14255 AMD Ryzen™ 5 220 Laptop 35.6 cm (14") Full HD+ 8 GB DDR5-SDRAM 512 GB SSD Wi-Fi 6E (802.11ax) Windows 11 Pro Black

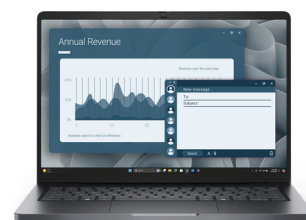
Brand : DELL

Product family: Pro

Product code:
BTO504_PC14255_EMEA

Product name : PC14255

DELL Pro 14 PC14255. Product type: Laptop, Form factor: Clamshell. Processor family: AMD Ryzen™ 5, Processor model: 220, Processor frequency: 3.5 GHz. Display diagonal: 35.6 cm (14"), HD type: Full HD+, Display resolution: 1920 x 1200 pixels. Internal memory: 8 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 512 GB, Storage media: SSD. On-board graphics card model: AMD Radeon 740M. 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	Ethernet LAN (RJ-45) ports	1
Product colour *	Black	HDMI ports quantity *	1
Form factor *	Clamshell	HDMI version	2.1
Display		Thunderbolt 4 ports quantity	2
Display diagonal *	35.6 cm (14")	Intel® Thunderbolt 4	✓
Display resolution *	1920 x 1200 pixels	Combo headphone/mic port	✓
Touchscreen *	✗	Power adapter barrel connector	4.5 mm
HD type	Full HD+	USB Type-C DisplayPort Alternate Mode	✓
Panel type	IPS	PowerShare	✓
Native aspect ratio	16:10	Number of USB ports with PowerShare support	1
Anti-glare screen	✓	Performance	
Display brightness	300 cd/m²	Hall sensor	✓
Pixel density	162 ppi	Keyboard	
RGB colour space	NTSC	Pointing device	Touchpad
Colour gamut	45%	Numeric keypad *	✗
Maximum refresh rate	60 Hz	Keyboard backlit	✓
Contrast ratio (typical)	800:1	Copilot key	✓
Processor		Software	
Processor manufacturer *	AMD	Operating system architecture	64-bit
Processor family *	AMD Ryzen™ 5	Trial software	McAfee Business Protection 1-year, Microsoft Office Trial
Processor generation	AMD Ryzen 200 Series	Operating system installed *	Windows 11 Pro
Processor model *	220	Battery	
Processor cores	6	Number of battery cells	3
Processor threads	12	Battery capacity *	55 Wh
Processor boost frequency	4.9 GHz	Battery recharge time	4 h
Processor frequency *	3.5 GHz	Fast charging	✓
Processor cache	22 MB	Power	
Processor cache type	L2 & L3	AC adapter power	65 W
Processor base power	15 W	AC adapter frequency	50 - 60 Hz
Maximum turbo power	30 W		
Memory			
Internal memory *	8 GB		
Internal memory type	DDR5-SDRAM		

Memory		Power	
Memory form factor	SO-DIMM	AC adapter input voltage	100 - 240 V
Memory layout (slots x size)	1 x 8 GB	USB Type-C charging port *	✓
Memory slots	2x SO-DIMM	USB Type-C required charging power (min) *	45 W
Maximum internal memory *	64 GB	USB Type-C required charging power (max) *	65 W
Memory data transfer rate	5600 MT/s	USB Power Delivery (USB PD)	✓
Storage		USB charging voltage	5,9,15,20 V
Total storage capacity *	512 GB	Security	
Storage media *	SSD	Cable lock slot	✓
Total SSDs capacity	512 GB	Cable lock slot type	Wedge
Number of SSDs installed	1	Fingerprint reader	✓
SSD capacity	512 GB	Trusted Platform Module (TPM)	✓
SSD interface	PCI Express 4.0	Trusted Platform Module (TPM) version	2.0
NVMe	✓	Operational conditions	
SSD form factor	M.2	Operating temperature (T-T)	0 - 40 °C
M.2 SSD size	2230 (22 x 30 mm)	Storage temperature (T-T)	-40 - 65 °C
Optical drive type *	✗	Operating relative humidity (H-H)	0 - 90%
Graphics		Storage relative humidity (H-H)	0 - 95%
Discrete graphics card model *	Not available	Operating altitude	-15.2 - 3048 m
On-board graphics card *	✓	Non-operating altitude	-15.2 - 10668 m
Discrete graphics card *	✗	Operating shock	140 G
On-board graphics card model *	AMD Radeon 740M	Operating vibration	0.66 G
Audio		Weight & dimensions	
Audio chip	Realtek ALC3204	Width	313.7 mm
Audio system	High Definition Audio	Depth	225.3 mm
Number of built-in speakers	2	Height (front)	1.89 cm
Speaker power	2.5 W	Height (rear)	2.04 cm
Built-in microphone	✓	Weight *	1.36 kg
Number of microphones	2	Carbon footprint	
Camera		Total carbon footprint (kg of CO2e)	142
Front camera	✓	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	✓		
Ethernet LAN data rates	10,100,1000 Mbit/s		
Bluetooth	✓		

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