



DELL Pro 14 PC14255 AMD Ryzen™ AI 5 340 Laptop 35.6 cm (14") Full HD+ 16 GB DDR5-SDRAM 512 GB SSD Wi-Fi 6E (802.11ax) Windows 11 Pro Platinum

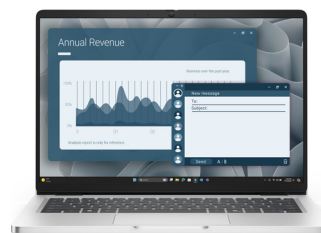
Brand : DELL

Product family: Pro

Product code:
BTO601_PC14255_EMEA

Product name : PC14255

DELL Pro 14 PC14255. Product type: Laptop, Form factor: Clamshell. Processor family: AMD Ryzen™ AI 5, Processor model: 340, Processor frequency: 3.4 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 840M. Operating system installed: Windows 11 Pro. Product colour: Platinum



Design		Network	
Colour name	Platinum Silver Color (Metallic Finish)	Ethernet LAN data rates	10,100,1000 Mbit/s
Product type *	Laptop	Bluetooth	✓
Product colour *	Platinum	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™ AI 5	Copilot key	✓
Processor model *	340	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	4.8 GHz	Operating system installed *	Windows 11 Pro
Processor frequency *	3.4 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	54 W		
Neural processor unit (NPU)			
Neural processor unit (NPU)	AMD Ryzen AI		
Total processor performance up to	59 TOPs		

Neural processor unit (NPU)		Battery	
NPU performance up to	50 TOPs	Fast charging	✓
Memory		Power	
Internal memory *	16 GB	AC adapter power	65 W
Internal memory type	DDR5-SDRAM	AC adapter frequency	50 - 60 Hz
Memory form factor	SO-DIMM	AC adapter input voltage	100 - 240 V
Memory layout (slots x size)	1 x 16 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 840M	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 resolution (numeric)	2.07 MP	Carbon emissions, logistics (kg of CO2e)	3.408
Front camera resolution	1920 x 1080 pixels	Carbon emissions, energy usage (kg of CO2e)	22.862
Front camera HD type	Full HD	Carbon emissions, end-of-life (kg of CO2e)	1.42
Video capturing speed	30 fps	PAIA version	GaBi version 1, 2024
Infrared (IR) camera	✓	Packaging content	
Network		AC adapter included *	✓
Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)		
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		
Antenna type	2x2		
WLAN controller model	MediaTek MT7922		
WLAN controller manufacturer	MediaTek		
Ethernet LAN	✓		

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