



DELL Pro 14 PC14255 AMD Ryzen AI 7 PRO 350 Laptop 35.6 cm (14") Full HD+ 16 GB DDR5-SDRAM 512 GB SSD Wi-Fi 6E (802.11ax) Windows 11 Pro Platinum

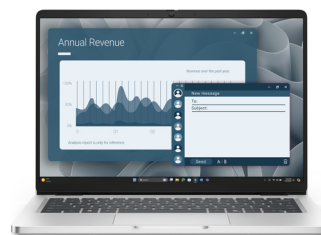
Brand : DELL

Product family: Pro

Product code:
BTO602_PC14255_EMEA

Product name : PC14255

DELL Pro 14 PC14255. Product type: Laptop, Form factor: Clamshell. Processor family: AMD Ryzen AI 7 PRO, Processor model: 350, 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 860M. Operating system installed: Windows 11 Pro. Product colour: Platinum



Design		Ports & interfaces	
Colour name	Platinum Silver Color (Metallic Finish)	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 *	Platinum	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
Maximum refresh rate	60 Hz	Numeric keypad *	✗
Processor		Keyboard backlit	✓
Processor manufacturer *	AMD	Copilot key	✓
Processor family *	AMD Ryzen AI 7 PRO	Software	
Processor generation	AMD Ryzen AI PRO 300 Series	Operating system architecture	64-bit
Processor model *	350	Trial software	McAfee Business Protection 1-year, Microsoft Office Trial
Processor cores	8	Operating system installed *	Windows 11 Pro
Processor threads	16	Battery	
Processor boost frequency	5 GHz	Number of battery cells	3
Processor frequency *	3.5 GHz	Battery capacity *	55 Wh
Processor cache	24 MB	Battery recharge time	4 h
Processor cache type	L2 & L3	Fast charging	✓
Neural processor unit (NPU)		Power	
Neural processor unit (NPU)	AMD Ryzen AI	AC adapter power	65 W
Total processor performance up to	66 TOPs		
NPU performance up to	50 TOPs		

Memory		Power	
Internal memory *	16 GB	AC adapter frequency	50 - 60 Hz
Internal memory type	DDR5-SDRAM	AC adapter input voltage	100 - 240 V
Memory form factor	SO-DIMM	USB Type-C charging port *	✓
Memory layout (slots x size)	1 x 16 GB	USB Type-C required charging power (min) *	45 W
Memory slots	2x SO-DIMM	USB Type-C required charging power (max) *	65 W
Maximum internal memory *	64 GB	USB Power Delivery (USB PD)	✓
Memory data transfer rate	5600 MT/s	USB charging voltage	5,9,15,20 V
Storage		Security	
Total storage capacity *	512 GB	Cable lock slot	✓
Storage media *	SSD	Cable lock slot type	Wedge
Total SSDs capacity	512 GB	Fingerprint reader	✓
Number of SSDs installed	1	Trusted Platform Module (TPM)	✓
SSD capacity	512 GB	Trusted Platform Module (TPM) version	2.0
SSD interface	PCI Express 4.0	Operational conditions	
NVMe	✓	Operating temperature (T-T)	0 - 40 °C
SSD form factor	M.2	Storage temperature (T-T)	-40 - 65 °C
M.2 SSD size	2230 (22 x 30 mm)	Operating relative humidity (H-H)	0 - 90%
Optical drive type *	✗	Storage relative humidity (H-H)	0 - 95%
Graphics		Operating altitude	-15.2 - 3048 m
Discrete graphics card model *	Not available	Non-operating altitude	-15.2 - 10668 m
On-board graphics card *	✓	Operating shock	140 G
Discrete graphics card *	✗	Operating vibration	0.66 G
On-board graphics card model *	AMD Radeon 860M	Weight & dimensions	
Audio		Width	313.7 mm
Audio chip	Realtek ALC3204	Depth	225.3 mm
Audio system	High Definition Audio	Height (front)	1.89 cm
Number of built-in speakers	2	Height (rear)	2.04 cm
Speaker power	2.5 W	Weight *	1.36 kg
Built-in microphone	✓	Carbon footprint	
Number of microphones	2	Total carbon footprint (kg of CO2e)	142
Camera		Carbon emissions, manufacturing (kg of CO2e)	114.17
Front camera	✓	Carbon emissions, logistics (kg of CO2e)	3.41
Front camera resolution (numeric)	2.07 MP	Carbon emissions, energy usage (kg of CO2e)	22.86
Front camera resolution	1920 x 1080 pixels	Carbon emissions, end-of-life (kg of CO2e)	1.42
Front camera HD type	Full HD	PAIA version	GaBi version 1, 2024
Video capturing speed	30 fps	Packaging content	
Infrared (IR) camera	✓	AC adapter included *	✓
Network			
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	✓		
Ethernet LAN data rates	10,100,1000 Mbit/s		
Bluetooth	✓		

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