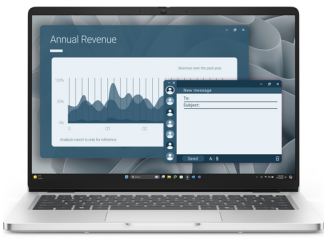
DELL Pro 14 PC14255 Copilot+ PC AMD Ryzen AI 7 PRO 350 Laptop 35.6 cm (14") Full HD+ 16 GB DDR5-SDRAM 512 GB SSD Wi-Fi 6E (802.11ax) Windows 11 Pro Silver, Platinum US English



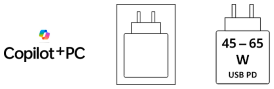
Brand : DELL **Product family:** Pro **Product code:** W7JCK

Product name : PC14255



- Windows 11 Pro 64-bit
- AMD Ryzen AI 7 PRO 350 (3.5GHz)
- 35.6 cm (14") Full HD+ 1920 x 1200 IPS
- 16GB DDR5-SDRAM (1 x 16) & 512GB SSD

AMD Ryzen AI 7 PRO 350 (3.5GHz), 16GB DDR5-SDRAM, 512GB SSD, 35.6 cm (14") Full HD+ 1920 x 1200 IPS, AMD Radeon 860M, LAN, WLAN, Webcam, Windows 11 Pro 64-bit



DELL Pro 14 PC14255 Copilot+ PC 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 Silver, Platinum US English:

14-inch laptop offering built-in AI capabilities and exceptional battery life with AMD processors in a sleek and durable design.
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: Silver, Platinum

Design	
Product type *	Laptop
Product colour *	Silver, Platinum
Form factor *	Clamshell

Display	
Display diagonal *	35.6 cm (14")
Display resolution *	1920 x 1200 pixels
Touchscreen *	✕
HD type	Full HD+
Panel type	IPS
Native aspect ratio	16:10
Anti-glare screen	✔
Display brightness	300 cd/m²
Pixel density	162 ppi
RGB colour space	NTSC
Colour gamut	45%
Maximum refresh rate	60 Hz
Contrast ratio (typical)	800:1

Processor	
Processor manufacturer *	AMD
Processor family *	AMD Ryzen AI 7 PRO
Processor generation	AMD Ryzen AI PRO 300 Series
Processor model *	350
Processor cores	8
Processor threads	16
Processor boost frequency	5 GHz
Processor frequency *	3.5 GHz
L3 cache	16 MB
L2 cache	8 MB

Neural processor unit (NPU)	
Copilot+ PC	✔
Neural processor unit (NPU)	AMD Ryzen AI

Network	
MIMO type	Multi User MIMO

Ports & interfaces	
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Ethernet LAN (RJ-45) ports	1
HDMI ports quantity *	1
HDMI version	2.1
Thunderbolt 4 ports quantity	2
Intel® Thunderbolt 4	✔
Combo headphone/mic port	✔
Power adapter barrel connector	4.5 mm
USB Type-C DisplayPort Alternate Mode	✔
PowerShare	✔
Number of USB ports with PowerShare support	1

Performance	
Hall sensor	✔

Keyboard	
Pointing device	Touchpad
Numeric keypad *	✕
Keyboard backlit	✔
Keyboard language	US English
Copilot key	✔

Software	
Operating system architecture	64-bit
Trial software	Activate Your Microsoft 365 For A 30 Day Trial
Operating system installed *	Windows 11 Pro
Bundled software	Dell Additional SW - Dell Pro Laptop

Neural processor unit (NPU)	
Total processor performance up to	66 TOPs
NPU performance up to	50 TOPs

Memory	
Internal memory *	16 GB
Internal memory type	DDR5-SDRAM
Memory form factor	SO-DIMM
Memory layout (slots x size)	1 x 16 GB
Memory slots	2x SO-DIMM
Maximum internal memory *	64 GB
Memory data transfer rate	5600 MT/s

Storage	
Total storage capacity *	512 GB
Storage media *	SSD
Total SSDs capacity	512 GB
Number of SSDs installed	1
SSD capacity	512 GB
SSD interface	PCI Express 4.0
NVMe	✔
SSD form factor	M.2
M.2 SSD size	2230 (22 x 30 mm)
Optical drive type *	✘

Graphics	
Discrete graphics card model *	Not available
On-board graphics card *	✔
Discrete graphics card *	✘
On-board graphics card model *	AMD Radeon 860M

Audio	
Audio chip	Realtek ALC3204
Audio system	High Definition Audio
Number of built-in speakers	2
Speaker power	2.5 W
Built-in microphone	✔
Number of microphones	2

Camera	
Front camera	✔
Front camera resolution (numeric)	2.07 MP
Front camera resolution	1920 x 1080 pixels
Front camera HD type	Full HD
Video capturing speed	30 fps
Infrared (IR) camera	✔
Privacy camera	✔
Privacy type	Privacy shutter

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	✔

Brand-specific features	
Brand specific technologies	Express Charge Boost capable, TNR, HDR Camera, Presence Detection

Battery	
Number of battery cells	3
Battery capacity *	55 Wh
Battery voltage	11.7 V
Battery recharge time	4 h
Fast charging	✔
Battery weight	210 g

Power	
AC adapter power	65 W
AC adapter frequency	50 - 60 Hz
AC adapter input voltage	100 - 240 V
USB Type-C charging port *	✔
USB Type-C required charging power (min) *	45 W
USB Type-C required charging power (max) *	65 W
USB Power Delivery (USB PD)	✔
USB charging voltage	5,9,15,20 V

Security	
Cable lock slot	✔
Cable lock slot type	Wedge
Trusted Platform Module (TPM)	✔
Trusted Platform Module (TPM) version	2.0

Operational conditions	
Operating temperature (T-T)	0 - 40 °C
Storage temperature (T-T)	-40 - 65 °C
Operating relative humidity (H-H)	0 - 90%
Storage relative humidity (H-H)	0 - 95%
Operating altitude	-15.2 - 3048 m
Non-operating altitude	-15.2 - 10668 m
Operating shock	140 G
Operating vibration	0.66 G

Weight & dimensions	
Width	313.7 mm
Depth	225.3 mm
Height (front)	1.89 cm
Height (rear)	2.04 cm
Weight *	1.36 kg

Carbon footprint	
Total carbon footprint (kg of CO2e)	142
Carbon emissions, manufacturing (kg of CO2e)	114.17
Carbon emissions, logistics (kg of CO2e)	3.41
Carbon emissions, energy usage (kg of CO2e)	22.86
Carbon emissions, end-of-life (kg of CO2e)	1.42
PAIA version	GaBi version 1, 2024

Packaging content	
AC adapter included *	✔

Network	
MIMO	✔

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Catalog Object Cloud

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