



DELL Pro 14 Plus PB14255 Copilot+ PC AMD Ryzen™ AI 5 340 Laptop 35.6 cm (14") Full HD+ 16 GB LPDDR5x-SDRAM 512 GB SSD Wi-Fi 7 (802.11be) Windows 11 Pro UK English Aluminium



Brand : DELL

Product family: Pro

Product code: 6GC8P

Product name : Pro 14 Plus PB14255

- Windows 11 Pro 64-bit
 - AMD Ryzen AI 5 340 (22MB Cache, 3.4GHz)
 - 35.6 cm (14") Full HD+ 1920 x 1200 WVA
 - 16GB LPDDR5x-SDRAM & 512GB SSD
- AMD Ryzen AI 5 340 (22MB Cache, 3.4GHz), 16GB LPDDR5x-SDRAM, 512GB SSD, 35.6 cm (14") Full HD+ 1920 x 1200 WVA, AMD Radeon 840M, WLAN, Webcam, Windows 11 Pro 64-bit

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A step up in scalable performance, collaboration, and connectivity experiences for AI PCs all in a sleek, durable Aluminium design. Configurable to meet the unique needs of every professional. DELL Pro 14 Plus PB14255. 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: LPDDR5x-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: Aluminium

Design		Ports & interfaces	
Product type *	Laptop	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Product colour *	Aluminium	USB4 Gen 3x2 ports quantity	2
Form factor *	Clamshell	Ethernet LAN (RJ-45) ports	1
Housing material	Aluminium	HDMI ports quantity *	1
Display		HDMI version	2.1
Display diagonal *	35.6 cm (14")	Combo headphone/mic port	✓
Display resolution *	1920 x 1200 pixels	USB Type-C DisplayPort Alternate Mode	✓
Touchscreen *	✗	PowerShare	✓
HD type	Full HD+	Number of USB ports with PowerShare support	1
Panel type	WVA	Keyboard	
Native aspect ratio	16:10	Pointing device	Touchpad
Anti-glare screen	✓	Numeric keypad *	✗
Display brightness	300 cd/m ²	Keyboard backlit	✓
Pixel density	162 ppi	Keyboard layout	QWERTY
RGB colour space	NTSC	Keyboard language	UK English
Colour gamut	45%	Copilot key	✓
Maximum refresh rate	60 Hz	Software	
Contrast ratio (typical)	800:1	Operating system architecture	64-bit
Processor		Trial software	Activate Your Microsoft 365 For A 30 Day Trial
Processor manufacturer *	AMD	Operating system installed *	Windows 11 Pro
Processor family *	AMD Ryzen™ AI 5	Brand-specific features	
Processor model *	340	Brand specific technologies	Express Charge Boost capable, TNR
Processor cores	6	Battery	
Processor threads	12	Number of battery cells	3
Processor boost frequency	4.8 GHz	Battery capacity *	55 Wh
Processor frequency *	3.4 GHz	Battery voltage	11.7 V
Processor cache	22 MB		
Processor cache type	L2 & L3		
Processor base power	15 W		
Maximum turbo power	54 W		

Neural processor unit (NPU)		Battery	
Copilot+ PC	✓	Battery recharge time	4 h
Neural processor unit (NPU)	AMD Ryzen AI	Fast charging	✓
Total processor performance up to	59 TOPs	Battery charge indicator	✓
NPU performance up to	50 TOPs	Battery weight	220 g
Memory		Power	
Internal memory *	16 GB	AC adapter power	65 W
Internal memory type	LPDDR5x-SDRAM	AC adapter frequency	50 - 60 Hz
Memory form factor	On-board	AC adapter input voltage	100 - 240 V
Maximum internal memory *	16 GB	USB Type-C charging port *	✓
Memory channels	Dual-channel	USB Type-C required charging power (min) *	45 W
Memory data transfer rate	7500 MT/s	USB Type-C required charging power (max) *	65 W
Storage		USB Power Delivery (USB PD)	✓
Total storage capacity *	512 GB	USB charging voltage	5,9,15,20 V
Storage media *	SSD	Security	
Total SSDs capacity	512 GB	Cable lock slot	✓
Number of SSDs installed	1	Cable lock slot type	Wedge
SSD capacity	512 GB	Fingerprint reader	✓
SSD interface	PCI Express 4.0	Smart card reader	✓
NVMe	✓	Face recognition	✓
SSD form factor	M.2	Trusted Platform Module (TPM)	✓
Optical drive type *	✗	Trusted Platform Module (TPM) version	2.0
Graphics		Operational conditions	
Discrete graphics card model *	Not available	Operating temperature (T-T)	0 - 35 °C
On-board graphics card *	✓	Storage temperature (T-T)	-40 - 65 °C
Discrete graphics card *	✗	Operating relative humidity (H-H)	10 - 90%
On-board graphics card model *	AMD Radeon 840M	Storage relative humidity (H-H)	0 - 95%
Audio		Operating altitude	-15.2 - 3048 m
Audio chip	Realtek ALC3329	Non-operating altitude	-15.2 - 10668 m
Number of built-in speakers	2	Operating shock	110 G
Speaker power	2.5 W	Non-operating shock	160 G
Built-in microphone	✓	Operating vibration	0.66 G
Number of microphones	2	Non-operating vibration	1.3 G
Camera		Weight & dimensions	
Front camera	✓	Width	313.5 mm
Front camera resolution (numeric)	2.07 MP	Depth	224 mm
Front camera resolution	1920 x 1080 pixels	Height	21.2 mm
Front camera HD type	Full HD	Weight *	1.56 kg
Video capturing speed	30 fps	Carbon footprint	
Infrared (IR) camera	✓	Total carbon footprint (kg of CO2e)	113
Privacy camera	✓	Carbon emissions, manufacturing (kg of CO2e)	85.767
Privacy type	Privacy shutter	Carbon emissions, logistics (kg of CO2e)	4.52
Network		Carbon emissions, energy usage (kg of CO2e)	20.679
Top Wi-Fi standard *	Wi-Fi 7 (802.11be)	Carbon emissions, end-of-life (kg of CO2e)	2.03
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6E (802.11ax), Wi-Fi 7 (802.11be)	PAIA version	GaBi version 1, 2024
Mobile network connection *	✗	Packaging content	
Wi-Fi band	Tri-band (2.4 GHz / 5 GHz / 6 GHz)	AC adapter included *	✓
Wi-Fi data rate (max)	2882 Mbit/s		
Antenna type	2x2		
WLAN controller model	MediaTek MT7925		
WLAN controller manufacturer	MediaTek		
Bluetooth	✓		



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