



DELL Pro 14 Plus PB14255 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 US English Platinum, Silver



Brand : DELL

Product family: Pro

Product code: 42T8J

Product name : PB14255

- Windows 11 Pro 64-bit
- AMD Ryzen AI 5 340 (3.4GHz)
- 35.6 cm (14") Full HD+ 1920 x 1200 WVA
- 16GB LPDDR5x-SDRAM & 512GB SSD
AMD Ryzen AI 5 340 (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

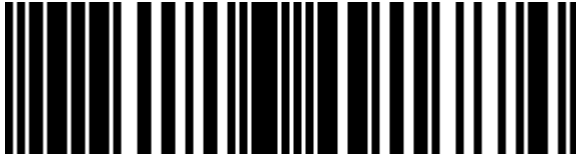
DELL Pro 14 Plus PB14255 AMD Ryzen AI 5 340 Laptop 35.6 cm (14") Full HD+ 16 GB LPDDR5x-SDRAM 512 GB SSD Wi-Fi 7 (802.11be) Windows 11 Pro US English Platinum, Silver:

14-inch laptop or 2-in-1 with up to AMD Ryzen™ AI PRO processors offering a built-in AI chip for long-lasting battery life in a sleek and durable design.

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: Platinum, Silver

Design		Network	
Product type *	Laptop	Wi-Fi band	Tri-band (2.4 GHz / 5 GHz / 6 GHz)
Product colour *	Platinum, Silver	Wi-Fi data rate (max)	2882 Mbit/s
Form factor *	Clamshell	Antenna type	2x2
Housing material	Aluminium	WLAN controller model	MediaTek MT7925
Display		WLAN controller manufacturer	MediaTek
Display diagonal *	35.6 cm (14")	Bluetooth	✓
Display resolution *	1920 x 1200 pixels	Ports & interfaces	
Touchscreen *	✗	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
HD type	Full HD+	USB4 Gen 3x2 ports quantity	2
Panel type	WVA	HDMI ports quantity *	1
Native aspect ratio	16:10	HDMI version	2.1
Anti-glare screen	✓	Combo headphone/mic port	✓
Display brightness	300 cd/m²	USB Type-C DisplayPort Alternate Mode	✓
Pixel density	162 ppi	PowerShare	✓
RGB colour space	NTSC	Number of USB ports with PowerShare support	1
Colour gamut	45%	Keyboard	
Maximum refresh rate	60 Hz	Pointing device	Touchpad
Contrast ratio (typical)	800:1	Numeric keypad *	✗
Processor		Keyboard backlit	✓
Processor manufacturer *	AMD	Keyboard language	US English
Processor family *	AMD Ryzen AI 5	Copilot key	✓
Processor model *	340	Software	
Processor cores	6	Operating system architecture	64-bit
Processor threads	12	Operating system installed *	Windows 11 Pro
Processor boost frequency	4.8 GHz	Brand-specific features	
Processor frequency *	3.4 GHz	Brand specific technologies	Express Charge Boost capable, TNR
L3 cache	16 MB		
L2 cache	6 MB		
Processor base power	15 W		
Maximum turbo power	54 W		

Neural processor unit (NPU)		Battery	
Neural processor unit (NPU)	AMD Ryzen AI	Number of battery cells	3
Total processor performance up to	59 TOPs	Battery capacity *	55 Wh
NPU performance up to	50 TOPs	Battery voltage	11.7 V
Memory		Battery recharge time	4 h
Internal memory *	16 GB	Fast charging	✓
Internal memory type	LPDDR5x-SDRAM	Battery charge indicator	✓
Memory form factor	On-board	Battery weight	220 g
Maximum internal memory *	16 GB	Power	
Memory data transfer rate	7500 MT/s	AC adapter frequency	50 - 60 Hz
Storage		AC adapter input voltage	100 - 240 V
Total storage capacity *	512 GB	USB Type-C charging port *	✓
Storage media *	SSD	USB Type-C required charging power (min) *	45 W
Total SSDs capacity	512 GB	USB Type-C required charging power (max) *	65 W
Number of SSDs installed	1	USB Power Delivery (USB PD)	✓
SSD capacity	512 GB	USB charging voltage	5,9,15,20 V
SSD interface	PCI Express 4.0	Security	
NVMe	✓	Cable lock slot	✓
SSD form factor	M.2	Cable lock slot type	Wedge
Optical drive type *	✗	Face recognition	✓
Graphics		Trusted Platform Module (TPM)	✓
Discrete graphics card model *	Not available	Trusted Platform Module (TPM) version	2.0
On-board graphics card *	✓	Operational conditions	
Discrete graphics card *	✗	Operating temperature (T-T)	0 - 35 °C
On-board graphics card model *	AMD Radeon 840M	Storage temperature (T-T)	-40 - 65 °C
Audio		Operating relative humidity (H-H)	10 - 90%
Audio chip	Realtek ALC3329	Storage relative humidity (H-H)	0 - 95%
Number of built-in speakers	2	Operating altitude	-15.2 - 3048 m
Speaker power	2.5 W	Non-operating altitude	-15.2 - 10668 m
Built-in microphone	✓	Operating shock	110 G
Number of microphones	2	Non-operating shock	160 G
Camera		Operating vibration	0.66 G
Front camera	✓	Non-operating vibration	1.3 G
Front camera resolution (numeric)	2.07 MP	Weight & dimensions	
Front camera resolution	1920 x 1080 pixels	Width	313.5 mm
Front camera HD type	Full HD	Depth	224 mm
Video capturing speed	30 fps	Height	21.2 mm
Infrared (IR) camera	✓	Weight *	1.56 kg
Privacy camera	✓	Packaging content	
Privacy type	Privacy shutter	AC adapter included *	✓
Network			
Top Wi-Fi standard *	Wi-Fi 7 (802.11be)		
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)		
Mobile network connection *	✓		



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