



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 Platinum, Silver Czech, Slovakian

Brand : DELL

Product family: Pro

Product code: 3MX7M

Product name : PB14255



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		Ports & interfaces	
Product type *	Laptop	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Product colour *	Platinum, Silver	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/m²	Keyboard backlight	✓
Pixel density	162 ppi	Keyboard language	Czech, Slovakian
RGB colour space	NTSC	Copilot key	✓
Colour gamut	45%	Software	
Maximum refresh rate	60 Hz	Operating system architecture	64-bit
Contrast ratio (typical)	800:1	Operating system installed *	Windows 11 Pro
Processor		Brand-specific features	
Processor manufacturer *	AMD	Brand specific technologies	Express Charge Boost capable, TNR
Processor family *	AMD Ryzen™ AI 5	Battery	
Processor model *	340	Number of battery cells	3
Processor cores	6	Battery capacity *	55 Wh
Processor threads	12	Battery voltage	11.7 V
Processor boost frequency	4.8 GHz	Battery recharge time	4 h
Processor frequency *	3.4 GHz	Fast charging	✓
L3 cache	16 MB	Battery charge indicator	✓
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	Battery weight	220 g
Total processor performance up to	59 TOPs	Power	
NPU performance up to	50 TOPs	AC adapter power	65 W
Memory		AC adapter frequency	50 - 60 Hz
Internal memory *	16 GB	AC adapter input voltage	100 - 240 V
Internal memory type	LPDDR5x-SDRAM	USB Type-C charging port *	✓
Memory form factor	On-board	USB Type-C required charging power (min) *	45 W
Maximum internal memory *	16 GB	USB Type-C required charging power (max) *	65 W
Memory channels	Dual-channel	USB Power Delivery (USB PD)	✓
Memory data transfer rate	7500 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	Smart card reader	✓
SSD capacity	512 GB	Face recognition	✓
SSD interface	PCI Express 4.0	Trusted Platform Module (TPM)	✓
NVMe	✓	Trusted Platform Module (TPM) version	2.0
SSD form factor	M.2	Operational conditions	
Optical drive type *	✗	Operating temperature (T-T)	0 - 35 °C
Graphics		Storage temperature (T-T)	-40 - 65 °C
Discrete graphics card model *	Not available	Operating relative humidity (H-H)	10 - 90%
On-board graphics card *	✓	Storage relative humidity (H-H)	0 - 95%
Discrete graphics card *	✗	Operating altitude	-15.2 - 3048 m
On-board graphics card model *	AMD Radeon 840M	Non-operating altitude	-15.2 - 10668 m
Audio		Operating shock	110 G
Audio chip	Realtek ALC3329	Non-operating shock	160 G
Number of built-in speakers	2	Operating vibration	0.66 G
Speaker power	2.5 W	Non-operating vibration	1.3 G
Built-in microphone	✓	Weight & dimensions	
Number of microphones	2	Width	313.5 mm
Camera		Depth	224 mm
Front camera	✓	Height	21.2 mm
Front camera resolution (numeric)	2.07 MP	Weight *	1.56 kg
Front camera resolution	1920 x 1080 pixels	Carbon footprint	
Front camera HD type	Full HD	Total carbon footprint (kg of CO2e)	113
Video capturing speed	30 fps	Carbon emissions, manufacturing (kg of CO2e)	85.77
Infrared (IR) camera	✓	Carbon emissions, logistics (kg of CO2e)	4.52
Privacy camera	✓	Carbon emissions, energy usage (kg of CO2e)	20.68
Privacy type	Privacy shutter	Carbon emissions, end-of-life (kg of CO2e)	2.03
Network		PAIA version	GaBi version 1, 2024
Top Wi-Fi standard *	Wi-Fi 7 (802.11be)	Packaging content	
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)	AC adapter included *	✓
Mobile network connection *	✗		
Wi-Fi band	Tri-band (2.4 GHz / 5 GHz / 6 GHz)		
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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