



DELL Pro 14 Plus PB14255 Copilot+ PC AMD Ryzen AI 7 PRO 350 Laptop 35.6 cm (14") Full HD+ 32 GB LPDDR5x-SDRAM 1 TB SSD Wi-Fi 7 (802.11be) Windows 11 Pro German Aluminium

Brand : DELL

Product family: Pro

Product code: GH77W

Product name : Pro 14 Plus
PB14255



DELL Pro 14 Plus PB14255. 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: 32 GB, Internal memory type: LPDDR5x-SDRAM. Total storage capacity: 1 TB, Storage media: SSD. On-board graphics card model: AMD Radeon 860M. Operating system installed: Windows 11 Pro. Product colour: Aluminium



Design		Network	
Product type *	Laptop	WWAN	Upgradable
Product colour *	Aluminium	Ports & interfaces	
Form factor *	Clamshell	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Housing material	Aluminium	USB4 Gen 3x2 ports quantity	2
Display		HDMI ports quantity *	1
Display diagonal *	35.6 cm (14")	HDMI version	2.1
Display resolution *	1920 x 1200 pixels	Combo headphone/mic port	✓
Touchscreen *	✗	USB Type-C DisplayPort Alternate Mode	✓
HD type	Full HD+	PowerShare	✓
Panel type	WVA	Number of USB ports with PowerShare support	1
Native aspect ratio	16:10	Keyboard	
Anti-glare screen	✓	Pointing device	Touchpad
Display brightness	300 cd/m²	Numeric keypad *	✗
Pixel density	162 ppi	Keyboard backlit	✓
RGB colour space	NTSC	Keyboard language	German
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 7 PRO	Brand-specific features	
Processor generation	AMD Ryzen AI PRO 300 Series	Brand specific technologies	Express Charge Boost capable, TNR
Processor model *	350	Battery	
Processor cores	8	Number of battery cells	3
Processor threads	16	Battery capacity *	55 Wh
Processor boost frequency	5 GHz	Battery voltage	11.7 V
Processor frequency *	3.5 GHz		
Processor cache	24 MB		
Processor cache type	L2 & L3		

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	66 TOPs	Battery charge indicator	✓
NPU performance up to	50 TOPs	Battery weight	220 g
Memory		Power	
Internal memory *	32 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 *	32 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 *	1 TB	USB charging voltage	5,9,15,20 V
Storage media *	SSD	Security	
Total SSDs capacity	1 TB	Cable lock slot	✓
Number of SSDs installed	1	Cable lock slot type	Wedge
SSD capacity	1 TB	Fingerprint reader	✓
SSD interface	PCI Express 4.0	Smart card reader	✓
NVMe	✓	Face recognition	✓
SSD form factor	M.2	Trusted Platform Module (TPM)	✓
M.2 SSD size	2230 (22 x 30 mm)	Trusted Platform Module (TPM) version	2.0
Optical drive type *	✗	Operational conditions	
Graphics		Operating temperature (T-T)	0 - 35 °C
Discrete graphics card model *	Not available	Storage temperature (T-T)	-40 - 65 °C
On-board graphics card *	✓	Operating relative humidity (H-H)	10 - 90%
Discrete graphics card *	✗	Storage relative humidity (H-H)	0 - 95%
On-board graphics card model *	AMD Radeon 860M	Operating altitude	-15.2 - 3048 m
Audio		Non-operating altitude	-15.2 - 10668 m
Audio chip	Realtek ALC3329	Operating shock	110 G
Number of built-in speakers	2	Non-operating shock	160 G
Speaker power	2.5 W	Operating vibration	0.66 G
Built-in microphone	✓	Non-operating vibration	1.3 G
Number of microphones	2	Weight & dimensions	
Camera		Width	313.5 mm
Front camera	✓	Depth	224 mm
Front camera resolution (numeric)	2.07 MP	Height	21.2 mm
Front camera resolution	1920 x 1080 pixels	Weight *	1.56 kg
Front camera HD type	Full HD	Carbon footprint	
Video capturing speed	30 fps	Total carbon footprint (kg of CO2e)	113
Infrared (IR) camera	✓	Carbon emissions, manufacturing (kg of CO2e)	85.767
Privacy camera	✓	Carbon emissions, logistics (kg of CO2e)	4.52
Privacy type	Privacy shutter	Carbon emissions, energy usage (kg of CO2e)	20.679
Network		Carbon emissions, end-of-life (kg of CO2e)	2.03
Top Wi-Fi standard *	Wi-Fi 7 (802.11be)	PAIA version	GaBi version 1, 2024
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)	Packaging content	
Mobile network connection *	✗	AC adapter included *	✓
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	✓		
Near Field Communication (NFC)	✓		



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