



DELL Pro 16 Plus PB16255 Copilot+ PC AMD Ryzen™ AI 7 350 Laptop 40.6 cm (16") Full HD+ 32 GB LPDDR5x-SDRAM 512 GB SSD Wi-Fi 7 (802.11be) Windows 11 Pro German Platinum, Silver

Brand : DELL

Product family: Pro

Product code: 5WY0N

Product name : PB16255

DELL Pro 16 Plus PB16255. Product type: Laptop, Form factor: Clamshell. Processor family: AMD Ryzen™ AI 7, Processor model: 350, Processor frequency: 3.5 GHz. Display diagonal: 40.6 cm (16"), HD type: Full HD+, Display resolution: 1920 x 1200 pixels. Internal memory: 32 GB, Internal memory type: LPDDR5x-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: Platinum, Silver



Design		Network	
Product type *	Laptop	Wi-Fi data rate (max)	2882 Mbit/s
Product colour *	Platinum, Silver	Antenna type	2x2
Form factor *	Clamshell	WLAN controller model	MediaTek MT7925
Housing material	Aluminium	WLAN controller manufacturer	MediaTek
Display		Bluetooth	✓
Display diagonal *	40.6 cm (16")	Near Field Communication (NFC)	✓
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	Ethernet LAN (RJ-45) ports	1
Native aspect ratio	16:10	HDMI ports quantity *	1
Anti-glare screen	✓	HDMI version	2.1
Display brightness	300 cd/m²	Combo headphone/mic port	✓
Pixel density	142 ppi	USB Type-C DisplayPort Alternate Mode	✓
RGB colour space	NTSC	PowerShare	✓
Colour gamut	45%	Number of USB ports with PowerShare support	1
Maximum refresh rate	60 Hz	Keyboard	
Contrast ratio (typical)	1000:1	Pointing device	Touchpad
Processor		Numeric keypad *	✓
Processor manufacturer *	AMD	Keyboard backlit	✓
Processor family *	AMD Ryzen™ AI 7	Keyboard language	German
Processor generation	AMD Ryzen AI 300 Series	Copilot key	✓
Processor model *	350	Software	
Processor cores	8	Operating system architecture	64-bit
Processor threads	16	Trial software	Activate Your Microsoft 365 For A 30 Day Trial
Processor boost frequency	5 GHz	Operating system installed *	Windows 11 Pro
Processor frequency *	3.5 GHz	Brand-specific features	
L3 cache	16 MB	Brand specific technologies	Control Vault 3+, Express Charge Boost capable, HDR Camera, TNR
L2 cache	8 MB		
Neural processor unit (NPU)			
Copilot+ PC	✓		
Neural processor unit (NPU)	AMD Ryzen AI		
Total processor performance up to NPU performance up to	66 TOPs		
	50 TOPs		

Memory		Battery	
Internal memory *	32 GB	Number of battery cells	3
Internal memory type	LPDDR5x-SDRAM	Battery capacity *	55 Wh
Memory form factor	On-board	Battery voltage	11.7 V
Maximum internal memory *	32 GB	Battery recharge time	4 h
Memory channels	Dual-channel	Fast charging	✓
Memory data transfer rate	7500 MT/s	Battery weight	220 g
Storage		Power	
Total storage capacity *	512 GB	AC adapter frequency	50 - 60 Hz
Storage media *	SSD	AC adapter input voltage	100 - 240 V
Total SSDs capacity	512 GB	USB Type-C charging port *	✓
Number of SSDs installed	1	USB Type-C required charging power (min) *	45 W
SSD capacity	512 GB	USB Type-C required charging power (max) *	65 W
SSD interface	PCI Express 4.0	USB Power Delivery (USB PD)	✓
NVMe	✓	USB charging voltage	5,9,15,20 V
SSD form factor	M.2	Security	
Optical drive type *	✗	Cable lock slot	✓
Card reader integrated	✓	Cable lock slot type	Wedge
Compatible memory cards	MicroSD (TransFlash)	Fingerprint reader	✓
Graphics		Smart card reader	✓
Discrete graphics card model *	Not available	Face recognition	✓
On-board graphics card *	✓	Trusted Platform Module (TPM)	✓
Discrete graphics card *	✗	Trusted Platform Module (TPM) version	2.0
On-board graphics card model *	AMD Radeon 860M	Operational conditions	
Audio		Operating temperature (T-T)	0 - 35 °C
Audio chip	Realtek ALC3329	Storage temperature (T-T)	-40 - 65 °C
Number of built-in speakers	2	Operating relative humidity (H-H)	10 - 90%
Speaker power	2.5 W	Storage relative humidity (H-H)	0 - 95%
Built-in microphone	✓	Operating altitude	-15.2 - 3048 m
Number of microphones	2	Non-operating altitude	-15.2 - 10668 m
Camera		Operating shock	110 G
Front camera	✓	Non-operating shock	160 G
Front camera resolution (numeric)	2.07 MP	Operating vibration	0.66 G
Front camera resolution	1920 x 1080 pixels	Non-operating vibration	1.3 G
Front camera HD type	Full HD	Weight & dimensions	
Video capturing speed	30 fps	Width	358 mm
Infrared (IR) camera	✓	Depth	251.4 mm
Privacy camera	✓	Height	21.4 mm
Privacy type	Privacy shutter	Weight *	1.86 kg
Network		Packaging content	
Top Wi-Fi standard *	Wi-Fi 7 (802.11be)	AC adapter included *	✗
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 *	✗		
Wi-Fi band	Tri-band (2.4 GHz / 5 GHz / 6 GHz)		



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