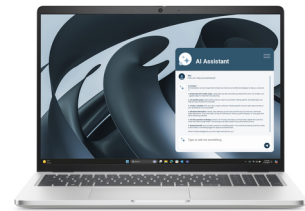




DELL Pro 16 Plus PB16255 Copilot+ PC AMD Ryzen™ AI 5 340 Laptop 40.6 cm (16") Full HD+ 16 GB LPDDR5x-SDRAM 512 GB SSD Wi-Fi 7 (802.11be) Windows 11 Pro UK English Aluminium



Brand : DELL

Product family: Pro

Product code: H0T9W

Product name : Pro 16 Plus PB16255

- Windows 11 Pro 64-bit
 - AMD Ryzen AI 5 340 (22MB Cache, 3.4GHz)
 - 40.6 cm (16") 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, 40.6 cm (16") Full HD+ 1920 x 1200 WVA, AMD Radeon 840M, WLAN, Webcam, Windows 11 Pro 64-bit

[DELL Pro 16 Plus PB16255 Copilot+ PC AMD Ryzen™ AI 5 340 Laptop 40.6 cm \(16"\) Full HD+ 16 GB LPDDR5x-SDRAM 512 GB SSD Wi-Fi 7 \(802.11be\) Windows 11 Pro UK English Aluminium:](#)

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 16 Plus PB16255. Product type: Laptop, Form factor: Clamshell. Processor family: AMD Ryzen™ AI 5, Processor model: 340, Processor frequency: 3.4 GHz. Display diagonal: 40.6 cm (16"), 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		Network	
Product type *	Laptop	Near Field Communication (NFC)	✓
Product colour *	Aluminium	Ports & interfaces	
Form factor *	Clamshell	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Display		USB4 Gen 3x2 ports quantity	2
Display diagonal *	40.6 cm (16")	HDMI ports quantity *	1
Display resolution *	1920 x 1200 pixels	HDMI version	2.1
Touchscreen *	✗	Combo headphone/mic port	✓
HD type	Full HD+	USB Type-C DisplayPort Alternate Mode	✓
Panel type	WVA	PowerShare	✓
Native aspect ratio	16:10	Number of USB ports with PowerShare support	1
Anti-glare screen	✓	Keyboard	
Display brightness	300 cd/m ²	Pointing device	Touchpad
Pixel density	142 ppi	Numeric keypad *	✓
RGB colour space	NTSC	Keyboard backlit	✓
Colour gamut	45%	Keyboard layout	QWERTY
Maximum refresh rate	60 Hz	Keyboard language	UK English
Contrast ratio (typical)	1000:1	Copilot key	✓
Processor		Software	
Processor manufacturer *	AMD	Operating system architecture	64-bit
Processor family *	AMD Ryzen™ AI 5	Trial software	Activate Your Microsoft 365 For A 30 Day Trial
Processor model *	340	Operating system installed *	Windows 11 Pro
Processor cores	6	Brand-specific features	
Processor threads	12	Brand specific technologies	Express Charge Boost capable, TNR
Processor boost frequency	4.8 GHz	Battery	
Processor frequency *	3.4 GHz	Number of battery cells	3
Processor cache	22 MB	Battery capacity *	55 Wh
Processor cache type	L2 & L3		
Processor base power	15 W		
Maximum turbo power	54 W		

Neural processor unit (NPU)		Battery	
Copilot+ PC	✓	Battery voltage	11.7 V
Neural processor unit (NPU)	AMD Ryzen AI	Battery recharge time	4 h
Total processor performance up to NPU performance up to	59 TOPs 50 TOPs	Fast charging	✓
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		Security	
Total storage capacity *	512 GB	USB Power Delivery (USB PD)	✓
Storage media *	SSD	USB charging voltage	5,9,15,20 V
Total SSDs capacity	512 GB	Operational conditions	
Number of SSDs installed	1	Operating temperature (T-T)	0 - 35 °C
SSD capacity	512 GB	Storage temperature (T-T)	-40 - 65 °C
SSD interface	PCI Express 4.0	Operating relative humidity (H-H)	10 - 90%
NVMe	✓	Storage relative humidity (H-H)	0 - 95%
SSD form factor	M.2	Operating altitude	-15.2 - 3048 m
Optical drive type *	✗	Non-operating altitude	-15.2 - 10668 m
Card reader integrated	✓	Operating shock	110 G
Compatible memory cards	MicroSD (TransFlash)	Non-operating shock	160 G
Graphics		Operating vibration	0.66 G
Discrete graphics card model *	Not available	Non-operating vibration	1.3 G
On-board graphics card *	✓	Weight & dimensions	
Discrete graphics card *	✗	Width	358 mm
On-board graphics card model *	AMD Radeon 840M	Depth	251.4 mm
Audio		Height	21.4 mm
Audio chip	Realtek ALC3329	Weight *	1.86 kg
Number of built-in speakers	2	Carbon footprint	
Speaker power	2.5 W	Total carbon footprint (kg of CO2e)	124
Built-in microphone	✓	Carbon emissions, manufacturing (kg of CO2e)	94.12
Number of microphones	2	Carbon emissions, logistics (kg of CO2e)	5.7
Camera		Carbon emissions, energy usage (kg of CO2e)	21.45
Front camera	✓	Carbon emissions, end-of-life (kg of CO2e)	2.73
Front camera resolution (numeric)	2.07 MP	PAIA version	GaBi version 1, 2024
Front camera resolution	1920 x 1080 pixels	Packaging content	
Front camera HD type	Full HD	AC adapter included *	✓
Video capturing speed	30 fps		
Infrared (IR) camera	✓		
Privacy camera	✓		
Privacy type	Privacy shutter		
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 *	✗		
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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