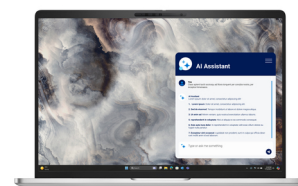




DELL Pro 16 Plus PB16250 Copilot+ PC Intel Core Ultra 7 266V Laptop 40.6 cm (16") Touchscreen Full HD+ 16 GB LPDDR5x-SDRAM 512 GB SSD Wi-Fi 7 (802.11be) Windows 11 Pro Aluminium US English



Brand : DELL

Product family: Pro

Product code: 8RTCV

Product name : PB16250

- Windows 11 Pro 64-bit
- Intel Core Ultra 7 266V (12MB Cache)
- 40.6 cm (16") Full HD+ 1920 x 1200 IPS Touch
- 16GB LPDDR5x-SDRAM & 512GB SSD
Intel Core Ultra 7 266V (12MB Cache), 16GB LPDDR5x-SDRAM, 512GB SSD, 40.6 cm (16") Full HD+ 1920 x 1200 IPS Touch, Intel Arc Graphics 140V, WLAN, Webcam, Windows 11 Pro 64-bit

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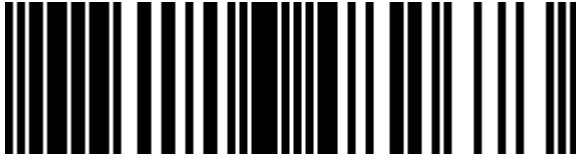
16-inch laptop designed with sleek aluminum and a variety of scalable configurations, such as Copilot+ PC options with a built-in AI chip powered by Intel® Core™ Ultra processors.

DELL Pro 16 Plus PB16250. Product type: Laptop, Form factor: Clamshell. Processor family: Intel Core Ultra 7, Processor model: 266V. Display diagonal: 40.6 cm (16"), HD type: Full HD+, Display resolution: 1920 x 1200 pixels, Touchscreen. Internal memory: 16 GB, Internal memory type: LPDDR5x-SDRAM. Total storage capacity: 512 GB, Storage media: SSD. On-board graphics card model: Intel Arc Graphics 140V. Operating system installed: Windows 11 Pro. Product colour: Aluminium

Design		Network	
Product type *	Laptop	Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
Product colour *	Aluminium		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)
Form factor *	Clamshell	Wi-Fi standards	
Housing material	Aluminium		
Intel® vPro™ Platform Eligibility	✓	Mobile network connection *	✗
Display		Wi-Fi band	Tri-band (2.4 GHz / 5 GHz / 6 GHz)
Display diagonal *	40.6 cm (16")	Wi-Fi data rate (max)	5760 Mbit/s
Display resolution *	1920 x 1200 pixels	Antenna type	2x2
Touchscreen *	✓	WLAN controller model	Intel Wi-Fi 7 BE201
HD type	Full HD+	WLAN controller manufacturer	Intel
Panel type	IPS	Bluetooth	✓
Native aspect ratio	16:10	WWAN	Upgradable
Anti-glare screen	✓	Ports & interfaces	
Display brightness	300 cd/m²	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Pixel density	142 ppi	HDMI ports quantity *	1
RGB colour space	NTSC	HDMI version	2.1
Colour gamut	45%	Thunderbolt 4 ports quantity	2
Maximum refresh rate	60 Hz	Intel® Thunderbolt 4	✓
Contrast ratio (typical)	1000:1	Combo headphone/mic port	✓
Processor		USB Type-C DisplayPort Alternate Mode	✓
Processor manufacturer *	Intel	PowerShare	✓
Processor family *	Intel Core Ultra 7	Number of USB ports with PowerShare support	1
Processor generation	Intel Core Ultra (Series 2)	Keyboard	
Processor model *	266V	Pointing device	Touchpad
Processor cores	8	Numeric keypad *	✓
Processor threads	8	Keyboard backlit	✓
Processor boost frequency	5 GHz	Keyboard language	US English
Performance cores	4	Copilot key	✓
Low Power Efficient-cores	4		
Performance-core Max Turbo Frequency	5 GHz		

Processor		Software	
Low Power Efficient-core Max Turbo Frequency	3.7 GHz	Operating system architecture	64-bit
Performance-core base frequency	2.2 GHz	Trial software	Activate Your Microsoft 365 For A 30 Day Trial
Low Power Efficient-core Base Frequency	2200 MHz	Operating system installed *	Windows 11 Pro
Processor cache	12 MB	Bundled software	Dell Additional Software - Dell Pro Laptop
Processor cache type	Smart Cache		
Processor base power	17 W		
Maximum turbo power	37 W		
Neural processor unit (NPU)		Brand-specific features	
Copilot+ PC	✓	Brand specific technologies	Express Charge Boost capable, HDR Camera, Presence Detection, TNR
Neural processor unit (NPU)	Intel AI Boost		
Sparsity support	✓		
Windows Studio effects support	✓		
AI software frameworks supported by NPU	DirectML, OpenVINO, Windows ML, ONNX RT, WebNN		
Total processor performance up to	118 TOPs		
NPU performance up to	48 TOPs		
GPU performance up to	66 TOPs		
Memory		Battery	
Internal memory *	16 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 *	16 GB	Fast charging	✓
Memory data transfer rate	8533 MT/s	Battery charge indicator	✓
		Battery weight	220 g
Storage		Power	
Total storage capacity *	512 GB	AC adapter power	65 W
Storage media *	SSD	AC adapter frequency	50 - 60 Hz
Total SSDs capacity	512 GB	AC adapter input voltage	100 - 240 V
Number of SSDs installed	1	USB Type-C charging port *	✓
SSD capacity	512 GB	USB Type-C required charging power (max) *	72 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		
Optical drive type *	✗		
Card reader integrated	✓		
Compatible memory cards	MicroSD (TransFlash)		
Graphics		Security	
Discrete graphics card model *	Not available	Cable lock slot	✓
On-board graphics card *	✓	Cable lock slot type	Wedge
On-board GPU manufacturer	Intel	Face recognition	✓
Discrete graphics card *	✗	Trusted Platform Module (TPM)	✓
On-board graphics card family	Intel Arc Graphics	Trusted Platform Module (TPM) version	2.0
On-board graphics card model *	Intel Arc Graphics 140V		
Audio		Operational conditions	
Audio chip	Cirrus Logic CS42L43	Operating temperature (T-T)	0 - 35 °C
Number of built-in speakers	2	Storage temperature (T-T)	-40 - 65 °C
Speaker power	2.5 W	Operating relative humidity (H-H)	10 - 90%
Built-in microphone	✓	Storage relative humidity (H-H)	0 - 95%
Number of microphones	2	Operating altitude	-15.2 - 3048 m
		Non-operating altitude	-15.2 - 10668 m
		Operating shock	110 G
		Non-operating shock	160 G
		Operating vibration	0.66 G
		Non-operating vibration	1.3 G
Camera		Weight & dimensions	
Front camera	✓	Width	358 mm
Front camera resolution (numeric)	5.2 MP	Depth	251.4 mm
Front camera resolution	2560 x 1440 pixels	Height	21.4 mm
Front camera HD type	Quad HD	Height (front)	1.99 cm
Video capturing speed	30 fps	Height (rear)	2.06 cm
Infrared (IR) camera	✓	Weight *	1.84 kg
		Carbon footprint	
		Total carbon footprint (kg of CO2e)	116
		Carbon emissions, manufacturing (kg of CO2e)	88.51
		Carbon emissions, logistics (kg of CO2e)	5.45
		Carbon emissions, energy usage (kg of CO2e)	19.37

Camera		Carbon footprint	
Privacy camera	✓	Carbon emissions, end-of-life (kg of CO2e)	2.55
Privacy type	Privacy shutter	PAIA version	GaBi version 1, 2024
		Packaging content	
		AC adapter included *	✓



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Catalog Object Cloud



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