



DELL Pro 16 Plus PB16250 Copilot+ PC Intel Core Ultra 7 268V Laptop 40.6 cm (16") Full HD+ 32 GB LPDDR5x-SDRAM 512 GB SSD Wi-Fi 7 (802.11be) Windows 11 Pro German Aluminium

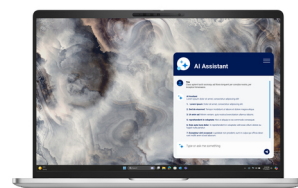
Brand : DELL

Product family: Pro

Product code: 4RG7T

Product name : PB16250

DELL Pro 16 Plus PB16250. Product type: Laptop, Form factor: Clamshell. Processor family: Intel Core Ultra 7, Processor model: 268V. 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: Intel Arc Graphics 140V. Mobile network generation: 5G. Operating system installed: Windows 11 Pro. Product colour: Aluminium



Design		Network	
Product type *	Laptop	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)
Product colour *	Aluminium	Mobile network connection *	✓
Form factor *	Clamshell	Wi-Fi band	Tri-band (2.4 GHz / 5 GHz / 6 GHz)
Housing material	Aluminium	Wi-Fi data rate (max)	5760 Mbit/s
Intel® vPro™ Platform Eligibility	✓	Antenna type	2x2
Display		WLAN controller model	Intel Wi-Fi 7 BE201
Display diagonal *	40.6 cm (16")	WLAN controller manufacturer	Intel
Display resolution *	1920 x 1200 pixels	Bluetooth	✓
Touchscreen *	✗	Near Field Communication (NFC)	✓
HD type	Full HD+	WWAN	Installed
Panel type	IPS	WWAN controller	5G MediaTek® T700 5G Modem (DW5933e), eSIM capable
Native aspect ratio	16:10	Ports & interfaces	
Anti-glare screen	✓	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Display brightness	300 cd/m²	HDMI ports quantity *	1
Pixel density	142 ppi	HDMI version	2.1
RGB colour space	NTSC	Thunderbolt 4 ports quantity	2
Colour gamut	45%	Intel® Thunderbolt 4	✓
Maximum refresh rate	60 Hz	Combo headphone/mic port	✓
Contrast ratio (typical)	1000:1	USB Type-C DisplayPort Alternate Mode	✓
Processor		PowerShare	✓
Processor manufacturer *	Intel	Number of USB ports with PowerShare support	1
Processor family *	Intel Core Ultra 7	Keyboard	
Processor generation	Intel Core Ultra (Series 2)	Pointing device	Touchpad
Processor model *	268V	Numeric keypad *	✓
Processor cores	8	Keyboard backlit	✓
Processor threads	8	Keyboard language	German
Processor boost frequency	5 GHz	Copilot key	✓
Performance cores	4		
Low Power Efficient-cores	4		
Performance-core Max Turbo Frequency	5 GHz		
Low Power Efficient-core Max Turbo Frequency	3.7 GHz		
Performance-core base frequency	2.2 GHz		

Processor		Software	
Low Power Efficient-core Base Frequency	2200 MHz	Operating system architecture	64-bit
Processor cache	12 MB	Trial software	Activate Your Microsoft 365 For A 30 Day Trial
Processor cache type	Smart Cache	Operating system installed *	Windows 11 Pro
Processor base power	17 W	Brand-specific features	
Maximum turbo power	37 W	Brand specific technologies	Control Vault 3+, Express Charge Boost capable, TNR
Neural processor unit (NPU)		Battery	
Copilot+ PC	✓	Number of battery cells	3
Neural processor unit (NPU)	Intel AI Boost	Battery capacity *	55 Wh
Sparsity support	✓	Battery voltage	11.7 V
Windows Studio effects support	✓	Fast charging	✓
AI software frameworks supported by NPU	DirectML, OpenVINO, Windows ML, ONNX RT, WebNN	Battery charge indicator	✓
Total processor performance up to	118 TOPs	Battery weight	220 g
NPU performance up to	48 TOPs	Power	
GPU performance up to	66 TOPs	AC adapter power	65 W
Memory		AC adapter frequency	50 - 60 Hz
Internal memory *	32 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) *	27 W
Maximum internal memory *	32 GB	USB Type-C required charging power (max) *	100 W
Memory data transfer rate	8533 MT/s	USB Power Delivery (USB PD)	✓
Storage		USB charging voltage	5,9,15,20 V
Total storage capacity *	512 GB	Security	
Storage media *	SSD	Cable lock slot	✓
Total SSDs capacity	512 GB	Cable lock slot type	Wedge
Number of SSDs installed	1	Fingerprint reader	✓
SSD capacity	512 GB	Smart card reader	✓
SSD interface	PCI Express 4.0	Face recognition	✓
NVMe	✓	Trusted Platform Module (TPM)	✓
SSD form factor	M.2	Trusted Platform Module (TPM) version	2.0
Optical drive type *	✗	Operational conditions	
Card reader integrated	✓	Operating temperature (T-T)	0 - 35 °C
Compatible memory cards	MicroSD (TransFlash)	Storage temperature (T-T)	-40 - 65 °C
Graphics		Operating relative humidity (H-H)	10 - 90%
Discrete graphics card model *	Not available	Storage relative humidity (H-H)	0 - 95%
On-board graphics card *	✓	Operating altitude	-15.2 - 3048 m
On-board GPU manufacturer	Intel	Non-operating altitude	-15.2 - 10668 m
Discrete graphics card *	✗	Operating shock	110 G
On-board graphics card family	Intel Arc Graphics	Non-operating shock	160 G
On-board graphics card model *	Intel Arc Graphics 140V	Operating vibration	0.66 G
Audio		Non-operating vibration	1.3 G
Audio chip	Cirrus Logic CS42L43	Weight & dimensions	
Number of built-in speakers	2	Width	358 mm
Speaker power	2.5 W	Depth	251.4 mm
Built-in microphone	✓	Height	21.4 mm
Number of microphones	2	Height (front)	1.99 cm
Camera		Height (rear)	2.06 cm
Front camera	✓	Weight *	1.84 kg
Front camera resolution (numeric)	5.2 MP	Carbon footprint	
Front camera resolution	2560 x 1440 pixels	Total carbon footprint (kg of CO2e)	116
Front camera HD type	Quad HD	Carbon emissions, manufacturing (kg of CO2e)	88.508
Video capturing speed	30 fps		
Infrared (IR) camera	✓		
Privacy camera	✓		
Privacy type	Privacy shutter		

Network		Carbon footprint	
Mobile network generation	5G	Carbon emissions, logistics (kg of CO2e)	5.452
Top Wi-Fi standard *	Wi-Fi 7 (802.11be)	Carbon emissions, energy usage (kg of CO2e)	19.372
		Carbon emissions, end-of-life (kg of CO2e)	2.552
		PAIA version	GaBi version 1, 2024
		Packaging content	
		AC adapter included *	✓



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