



DELL Pro 16 Plus PB16250 Copilot+ PC Intel Core Ultra 5 238V Laptop 40.6 cm (16") Full HD+ 32 GB LPDDR5x-SDRAM 512 GB SSD Wi-Fi 7 (802.11be) Windows 11 Pro UK English Aluminium

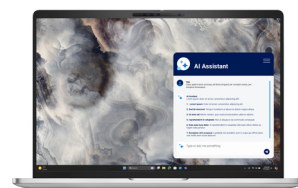
Brand : DELL

Product family: Pro

Product code:
BTO216_PB16250_EMEA

Product name : PB16250

DELL Pro 16 Plus PB16250. Product type: Laptop, Form factor: Clamshell. Processor family: Intel Core Ultra 5, Processor model: 238V. 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 130V. Operating system installed: Windows 11 Pro. Product colour: Aluminium. Weight: 1.84 kg



Design		Camera	
Product type *	Laptop	Infrared (IR) camera	✓
Product colour *	Aluminium	Privacy camera	✓
Form factor *	Clamshell	Privacy type	Privacy shutter
Housing material	Aluminium	Network	
Intel® vPro™ Platform Eligibility	✓	Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
Display		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)
Display diagonal *	40.6 cm (16")	Mobile network connection *	✗
Display resolution *	1920 x 1200 pixels	Wi-Fi band	Tri-band (2.4 GHz / 5 GHz / 6 GHz)
Touchscreen *	✗	Wi-Fi data rate (max)	5760 Mbit/s
HD type	Full HD+	Antenna type	2x2
Panel type	IPS	WLAN controller model	Intel Wi-Fi 7 BE201
Native aspect ratio	16:10	WLAN controller manufacturer	Intel
Anti-glare screen	✓	Bluetooth	✓
Display brightness	300 cd/m²	Ports & interfaces	
Pixel density	142 ppi	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
RGB colour space	NTSC	HDMI ports quantity *	1
Colour gamut	45%	HDMI version	2.1
Maximum refresh rate	60 Hz	Thunderbolt 4 ports quantity	2
Contrast ratio (typical)	1000:1	Intel® Thunderbolt 4	✓
Processor		Combo headphone/mic port	✓
Processor manufacturer *	Intel	USB Type-C DisplayPort Alternate Mode	✓
Processor family *	Intel Core Ultra 5	PowerShare	✓
Processor generation	Intel Core Ultra (Series 2)	Number of USB ports with PowerShare support	1
Processor model *	238V	Keyboard	
Processor cores	8	Pointing device	Touchpad
Processor threads	8	Numeric keypad *	✓
Processor boost frequency	4.7 GHz	Keyboard backlit	✓
Performance cores	4	Keyboard language	UK English
Low Power Efficient-cores	4	Copilot key	✓
Performance-core Max Turbo Frequency	4.7 GHz		
Low Power Efficient-core Max Turbo Frequency	3.5 GHz		
Performance-core base frequency	2.1 GHz		

Processor		Software	
Low Power Efficient-core Base Frequency	2100 MHz	Operating system architecture	64-bit
Processor cache	8 MB	Trial software	McAfee® Business Protection 1-year, 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+, 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	✓	Fast charging	✓
Windows Studio effects support	✓	Battery charge indicator	✓
AI software frameworks supported by NPU	DirectML, OpenVINO, Windows ML, ONNX RT, WebNN	Power	
Total processor performance up to	97 TOPs	AC adapter power	65 W
NPU performance up to	40 TOPs	AC adapter frequency	50 - 60 Hz
GPU performance up to	53 TOPs	AC adapter input voltage	100 - 240 V
Memory		USB Type-C charging port *	✓
Internal memory *	32 GB	USB Power Delivery (USB PD)	✓
Internal memory type	LPDDR5x-SDRAM	USB charging voltage	5,9,15,20 V
Memory form factor	On-board	Security	
Maximum internal memory *	32 GB	Cable lock slot	✓
Memory data transfer rate	8533 MT/s	Cable lock slot type	Wedge
Storage		Fingerprint reader	✓
Total storage capacity *	512 GB	Face recognition	✓
Storage media *	SSD	Trusted Platform Module (TPM)	✓
Total SSDs capacity	512 GB	Trusted Platform Module (TPM) version	2.0
Number of SSDs installed	1	Operational conditions	
SSD capacity	512 GB	Operating temperature (T-T)	0 - 35 °C
SSD interface	PCI Express 4.0	Storage temperature (T-T)	-40 - 65 °C
NVMe	✓	Operating relative humidity (H-H)	10 - 90%
SSD form factor	M.2	Storage relative humidity (H-H)	0 - 95%
Optical drive type *	✗	Operating altitude	-15.2 - 3048 m
Card reader integrated	✓	Non-operating altitude	-15.2 - 10668 m
Compatible memory cards	MicroSD (TransFlash)	Operating shock	110 G
Graphics		Non-operating shock	160 G
Discrete graphics card model *	Not available	Operating vibration	0.66 G
On-board graphics card *	✓	Non-operating vibration	1.3 G
On-board GPU manufacturer	Intel	Weight & dimensions	
Discrete graphics card *	✗	Width	358 mm
On-board graphics card family	Intel Arc Graphics	Depth	251.4 mm
On-board graphics card model *	Intel Arc Graphics 130V	Height	21.4 mm
Audio		Height (front)	1.99 cm
Audio chip	Cirrus Logic CS42L43	Height (rear)	2.06 cm
Number of built-in speakers	2	Weight *	1.84 kg
Speaker power	2.5 W	Carbon footprint	
Built-in microphone	✓	Total carbon footprint (kg of CO2e)	116
Number of microphones	2	Carbon emissions, manufacturing (kg of CO2e)	88.508
Camera		Carbon emissions, logistics (kg of CO2e)	5.452
Front camera	✓	Carbon emissions, energy usage (kg of CO2e)	19.372
Front camera resolution (numeric)	2.07 MP	Carbon emissions, end-of-life (kg of CO2e)	2.552
Front camera resolution	1920 x 1080 pixels	PAIA version	GaBi version 1, 2024
Front camera HD type	Full HD		
Video capturing speed	30 fps		

Packaging content

AC adapter included *



Catalog Object Cloud



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