



DELL Pro 16 Plus PB16250 Intel Core Ultra 5 235U Laptop 40.6 cm (16") Full HD+ 16 GB DDR5-SDRAM 512 GB SSD Wi-Fi 6E (802.11ax) Windows 11 Pro Aluminium US English

Brand : DELL

Product family: Pro

Product code: HTTD6

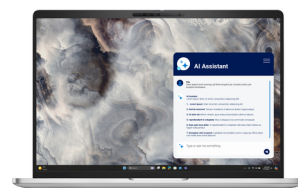
Product name : PB16250

- Windows 11 Pro 64-bit
- Intel Core Ultra 5 235U (12MB Cache)
- 40.6 cm (16") Full HD+ 1920 x 1200 IPS
- 16GB DDR5-SDRAM (1 x 16) & 512GB SSD
Intel Core Ultra 5 235U (12MB Cache), 16GB DDR5-SDRAM, 512GB SSD, 40.6 cm (16") Full HD+ 1920 x 1200 IPS, Intel Graphics, WLAN, Webcam, Windows 11 Pro 64-bit

DELL Pro 16 Plus PB16250 Intel Core Ultra 5 235U Laptop 40.6 cm (16") Full HD+ 16 GB DDR5-SDRAM 512 GB SSD Wi-Fi 6E (802.11ax) Windows 11 Pro Aluminium US English:

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.

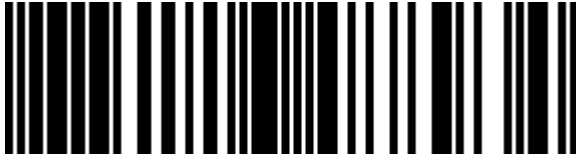
DELL Pro 16 Plus PB16250. Product type: Laptop, Form factor: Clamshell. Processor family: Intel Core Ultra 5, Processor model: 235U. Display diagonal: 40.6 cm (16"), HD type: Full HD+, Display resolution: 1920 x 1200 pixels. Internal memory: 16 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 512 GB, Storage media: SSD. On-board graphics card model: Intel® Graphics. Operating system installed: Windows 11 Pro. Product colour: Aluminium. Weight: 1.84 kg



Design		Network	
Product type *	Laptop	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Product colour *	Aluminium		802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6E (802.11ax)
Form factor *	Clamshell	Wi-Fi standards	
Housing material	Aluminium	Mobile network connection *	✗
Intel® vPro™ Platform Eligibility	✓	Wi-Fi band	Tri-band (2.4 GHz / 5 GHz / 6 GHz)
Display		Antenna type	2x2
Display diagonal *	40.6 cm (16")	WLAN controller model	Intel Wi-Fi 6E AX211
Display resolution *	1920 x 1200 pixels	WLAN controller manufacturer	Intel
Touchscreen *	✗	Ethernet LAN	✓
HD type	Full HD+	Ethernet LAN data rates	10,100,1000 Mbit/s
Panel type	IPS	Bluetooth	✓
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	Ethernet LAN (RJ-45) ports	1
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 5	Number of USB ports with PowerShare support	1
Processor generation	Intel Core Ultra (Series 2)	Keyboard	
Processor model *	235U	Pointing device	Touchpad
Processor cores	12	Numeric keypad *	✓
Processor threads	14	Keyboard backlit	✓
Processor boost frequency	4.9 GHz	Keyboard language	US English
Performance cores	2	Copilot key	✓
Efficient cores	8		
Low Power Efficient-cores	2		
Performance-core Max Turbo Frequency	4.9 GHz		

Processor		Software	
Efficient-core Max Turbo Frequency	4.1 GHz	Operating system architecture	64-bit
Low Power Efficient-core Max Turbo Frequency	2.4 GHz	Trial software	Activate Your Microsoft 365 For A 30 Day Trial
Performance-core base frequency	2 GHz	Operating system installed *	Windows 11 Pro
Efficient-core base frequency	1.6 GHz	Bundled software	Dell Additional Software - Dell Pro Laptop
Low Power Efficient-core Base Frequency	700 MHz		
Processor cache	12 MB		
Processor base power	15 W		
Maximum turbo power	57 W		
Neural processor unit (NPU)		Brand-specific features	
Neural processor unit (NPU)	Intel AI Boost	Brand specific technologies	Express Charge Boost capable, TNR, Presence Detection, HDR Camera
Sparsity support	✓		
Windows Studio effects support	✓		
AI software frameworks supported by NPU	DirectML, ONNX RT, OpenVINO, Windows ML		
NPU performance up to	12 TOPs		
Memory		Battery	
Internal memory *	16 GB	Number of battery cells	3
Internal memory type	DDR5-SDRAM	Battery capacity *	55 Wh
Memory form factor	SO-DIMM	Battery voltage	11.7 V
Memory layout (slots x size)	1 x 16 GB	Fast charging	✓
Memory slots	2x SO-DIMM	Battery charge indicator	✓
Maximum internal memory *	64 GB	Battery weight	220 g
Memory data transfer rate	5600 MT/s		
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 (min) *	27 W
SSD interface	PCI Express 4.0	USB Type-C required charging power (max) *	100 W
NVMe	✓	USB Power Delivery (USB PD)	✓
SSD form factor	M.2	USB charging voltage	5,9,15,20 V
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® Graphics	Trusted Platform Module (TPM) version	2.0
On-board graphics card model *	Intel® Graphics		
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)	2.07 MP	Depth	251.4 mm
Front camera resolution	1920 x 1080 pixels	Height	21.4 mm
Front camera HD type	Full 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

Camera		Carbon footprint	
Privacy camera	✓	Carbon emissions, energy usage (kg of CO2e)	19.37
Privacy type	Privacy shutter	Carbon emissions, end-of-life (kg of CO2e)	2.55
		PAIA version	GaBi version 1, 2024
Packaging content			
		AC adapter included *	✓



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Catalog Object Cloud



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