



DELL Pro 13 Plus PB13250 Intel Core Ultra 5 235U Laptop 33.8 cm (13.3") Full HD+ 16 GB DDR5-SDRAM 512 GB SSD Wi-Fi 6E (802.11ax) Windows 11 Pro Aluminium

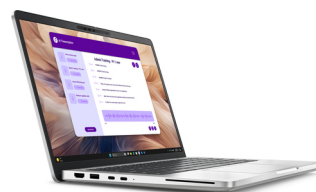
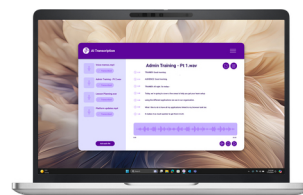
Brand : DELL

Product family: Pro

Product code:
BTO107_PB13250_EMEA

Product name : PB13250

DELL Pro 13 Plus PB13250. Product type: Laptop, Form factor: Clamshell. Processor family: Intel Core Ultra 5, Processor model: 235U. Display diagonal: 33.8 cm (13.3"), 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: 1.34 kg



Design		Camera	
Product type *	Laptop	Front camera HD type	Full HD
Product colour *	Aluminium	Video capturing speed	30 fps
Form factor *	Clamshell	Infrared (IR) camera	✓
Intel® vPro™ Platform Eligibility	✓	Privacy camera	✓
Display		Privacy type	Privacy shutter
Display diagonal *	33.8 cm (13.3")	Network	
Display resolution *	1920 x 1200 pixels	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Touchscreen *	✗	Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6E (802.11ax)
HD type	Full HD+	Mobile network connection *	✗
Panel type	IPS	Wi-Fi band	Tri-band (2.4 GHz / 5 GHz / 6 GHz)
LED backlight	✓	Antenna type	2x2
Native aspect ratio	16:10	WLAN controller model	Intel Wi-Fi 6E AX211
Anti-glare screen	✓	WLAN controller manufacturer	Intel
Display brightness	300 cd/m²	Bluetooth	✓
Pixel density	170 ppi	Ports & interfaces	
RGB colour space	NTSC	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Colour gamut	45%	HDMI ports quantity *	1
Maximum refresh rate	60 Hz	HDMI version	2.1
Contrast ratio (typical)	800:1	Thunderbolt 4 ports quantity	2
Processor		Intel® Thunderbolt 4	✓
Processor manufacturer *	Intel	Combo headphone/mic port	✓
Processor family *	Intel Core Ultra 5	USB Type-C DisplayPort Alternate Mode	✓
Processor generation	Intel Core Ultra (Series 2)	PowerShare	✓
Processor model *	235U	Performance	
Processor cores	12	Motherboard chipset	Intel SoC
Processor threads	14	Keyboard	
Processor boost frequency	4.9 GHz	Pointing device	Touchpad
Performance cores	2	Numeric keypad *	✗
Efficient cores	8	Keyboard backlight	✓
Low Power Efficient-cores	2		
Performance-core Max Turbo Frequency	4.9 GHz		
Efficient-core Max Turbo Frequency	4.1 GHz		
Low Power Efficient-core Max Turbo Frequency	2.4 GHz		

Processor		Software	
Performance-core base frequency	2 GHz	Operating system architecture	64-bit
Efficient-core base frequency	1.6 GHz	Trial software	McAfee Business Protection 1-year, No Microsoft Office License included (Fed and Premier, Exception Only)
Low Power Efficient-core Base Frequency	700 MHz		
Processor cache	12 MB	Operating system installed *	Windows 11 Pro
Processor base power	15 W	Brand-specific features	
Maximum turbo power	57 W	Brand specific technologies	Express Charge Boost capable
Neural processor unit (NPU)		Battery	
Neural processor unit (NPU)	Intel AI Boost	Number of battery cells	3
Sparsity support	✓	Battery recharge time	4 h
Windows Studio effects support	✓	Fast charging	✓
AI software frameworks supported by NPU	DirectML, ONNX RT, OpenVINO, Windows ML	Power	
NPU performance up to	12 TOPs	AC adapter power	65 W
Memory		AC adapter frequency	50/60 Hz
Internal memory *	16 GB	AC adapter input voltage	100 - 240 V
Internal memory type	DDR5-SDRAM	USB Type-C charging port *	✓
Memory form factor	SO-DIMM	USB Type-C required charging power (min) *	27 W
Memory layout (slots x size)	1 x 16 GB	USB Power Delivery (USB PD)	✓
Memory slots	2x SO-DIMM	Security	
Maximum internal memory *	64 GB	Cable lock slot	✓
Memory data transfer rate	5600 MT/s	Cable lock slot type	Wedge
Storage		Fingerprint reader	✓
Total storage capacity *	512 GB	Smart card reader	✓
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
Graphics		Operating shock	110 G
Discrete graphics card model *	Not available	Non-operating shock	160 G
On-board graphics card *	✓	Operating vibration	0.66 G
On-board GPU manufacturer	Intel	Non-operating vibration	1.3 G
Discrete graphics card *	✗	Weight & dimensions	
On-board graphics card family	Intel® Graphics	Width	300 mm
On-board graphics card model *	Intel® Graphics	Depth	215 mm
Audio		Height	19.8 mm
Audio chip	Cirrus Logic CS42L43	Height (front)	1.98 cm
Number of built-in speakers	2	Weight *	1.34 kg
Speaker power	2 W	Carbon footprint	
Built-in microphone	✓	Total carbon footprint (kg of CO2e)	109
Number of microphones	2	Carbon emissions, manufacturing (kg of CO2e)	82.622
Camera		Carbon emissions, logistics (kg of CO2e)	2.943
Front camera	✓	Carbon emissions, energy usage (kg of CO2e)	22.018
Front camera resolution (numeric)	2.07 MP	Carbon emissions, end-of-life (kg of CO2e)	1.42
Front camera resolution	1920 x 1080 pixels	PAIA version	GaBi version 1, 2024
		Packaging content	
		AC adapter included *	✓

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