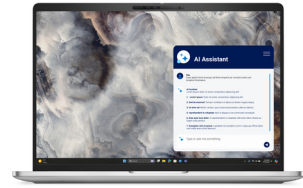




DELL Pro 16 Plus PB16250 Intel Core Ultra 5 235U Laptop 40.6 cm (16") Full HD+ 32 GB DDR5-SDRAM 512 GB SSD Wi-Fi 7 (802.11be) Windows 11 Pro US English Aluminium



Brand : DELL

Product family: Pro

Product code: HFM2R

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
 - 32GB DDR5-SDRAM (1 x 32) & 512GB SSD
- Intel Core Ultra 5 235U (12MB Cache), 32GB 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+ 32 GB DDR5-SDRAM 512 GB SSD Wi-Fi 7 \(802.11be\) Windows 11 Pro US English Aluminium:](#)

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: 32 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

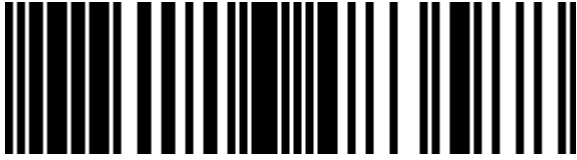
Design		Camera	
Product type *	Laptop	Front camera HD type	Full HD
Product colour *	Aluminium	Video capturing speed	30 fps
Form factor *	Clamshell	Infrared (IR) camera	✓
Housing material	Aluminium	Privacy camera	✓
Display		Privacy type	Privacy shutter
Display diagonal *	40.6 cm (16")	Network	
Display resolution *	1920 x 1200 pixels	Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
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), Wi-Fi 7 (802.11be)
HD type	Full HD+	Mobile network connection *	✗
Panel type	IPS	Wi-Fi band	Tri-band (2.4 GHz / 5 GHz / 6 GHz)
Native aspect ratio	16:10	Wi-Fi data rate (max)	5760 Mbit/s
Anti-glare screen	✓	Antenna type	2x2
Display brightness	300 cd/m ²	WLAN controller model	Intel Wi-Fi 7 BE201
Pixel density	142 ppi	WLAN controller manufacturer	Intel
RGB colour space	NTSC	Ethernet LAN	✓
Colour gamut	45%	Ethernet LAN data rates	10,100,1000 Mbit/s
Maximum refresh rate	60 Hz	Bluetooth	✓
Contrast ratio (typical)	1000:1	Ports & interfaces	
Processor		USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Processor manufacturer *	Intel	Ethernet LAN (RJ-45) ports	1
Processor family *	Intel Core Ultra 5	HDMI ports quantity *	1
Processor generation	Intel Core Ultra (Series 2)	HDMI version	2.1
Processor model *	235U	Thunderbolt 4 ports quantity	2
Processor cores	12	Intel® Thunderbolt 4	✓
Processor threads	14	Combo headphone/mic port	✓
Processor boost frequency	4.9 GHz	USB Type-C DisplayPort Alternate Mode	✓
Performance cores	2	PowerShare	✓
Efficient cores	8		
Low Power Efficient-cores	2		
Performance-core Max Turbo Frequency	4.9 GHz		
Efficient-core Max Turbo Frequency	4.1 GHz		

Processor		Ports & interfaces	
Low Power Efficient-core Max Turbo Frequency	2.4 GHz	Number of USB ports with PowerShare support	1
Performance-core base frequency	2 GHz	Keyboard	
Efficient-core base frequency	1.6 GHz	Pointing device	Touchpad
Low Power Efficient-core Base Frequency	700 MHz	Numeric keypad *	✓
Processor cache	12 MB	Keyboard backlit	✓
Processor base power	15 W	Keyboard language	US English
Maximum turbo power	57 W	Copilot key	✓
Neural processor unit (NPU)		Software	
Neural processor unit (NPU)	Intel AI Boost	Operating system architecture	64-bit
Sparsity support	✓	Operating system installed *	Windows 11 Pro
Windows Studio effects support	✓	Brand-specific features	
AI software frameworks supported by NPU	DirectML, ONNX RT, OpenVINO, Windows ML	Brand specific technologies	Express Charge Boost capable, TNR
Memory		Battery	
Internal memory *	32 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 32 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	Power	
Storage		AC adapter power	65 W
Total storage capacity *	512 GB	AC adapter frequency	50 - 60 Hz
Storage media *	SSD	AC adapter input voltage	100 - 240 V
Total SSDs capacity	512 GB	USB Type-C charging port *	✓
Number of SSDs installed	1	USB Type-C required charging power (min) *	27 W
SSD capacity	512 GB	USB Type-C required charging power (max) *	100 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	Security	
Optical drive type *	✗	Cable lock slot	✓
Card reader integrated	✓	Cable lock slot type	Wedge
Compatible memory cards	MicroSD (TransFlash)	Face recognition	✓
Graphics		Trusted Platform Module (TPM)	✓
Discrete graphics card model *	Not available	Trusted Platform Module (TPM) version	2.0
On-board graphics card *	✓	Operational conditions	
On-board GPU manufacturer	Intel	Operating temperature (T-T)	0 - 35 °C
Discrete graphics card *	✗	Storage temperature (T-T)	-40 - 65 °C
On-board graphics card family	Intel® Graphics	Operating relative humidity (H-H)	10 - 90%
On-board graphics card model *	Intel® Graphics	Storage relative humidity (H-H)	0 - 95%
Audio		Operating altitude	-15.2 - 3048 m
Audio chip	Cirrus Logic CS42L43	Non-operating altitude	-15.2 - 10668 m
Number of built-in speakers	2	Operating shock	110 G
Speaker power	2.5 W	Non-operating shock	160 G
Built-in microphone	✓	Operating vibration	0.66 G
Number of microphones	2	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
		Height (front)	1.99 cm
		Height (rear)	2.06 cm
		Weight *	1.84 kg

Packaging content

AC adapter included *





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Catalog Object Cloud



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