



DELL Pro 16 Plus PB16250 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 Aluminium



Brand : DELL

Product family: Pro

Product code: 047C9

Product name : PB16250

- Windows 11 Pro 64-bit
 - Intel Core Ultra 7 268V (12MB Cache)
 - 40.6 cm (16") Full HD+ 1920 x 1200 IPS
 - 32GB LPDDR5x-SDRAM & 512GB SSD
- Intel Core Ultra 7 268V (12MB Cache), 32GB LPDDR5x-SDRAM, 512GB SSD, 40.6 cm (16") Full HD+ 1920 x 1200 IPS, Intel Arc Graphics 140V, WLAN, Webcam, Windows 11 Pro 64-bit

DELL Pro 16 Plus PB16250 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 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 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.

Operating system installed: Windows 11 Pro. Product colour: Aluminium. Weight: 1.84 kg

Design		Camera	
Product type *	Laptop	Front camera	✓
Product colour *	Aluminium	Front camera resolution (numeric)	2.07 MP
Form factor *	Clamshell	Front camera resolution	1920 x 1080 pixels
Housing material	Aluminium	Front camera HD type	Full HD
Display		Video capturing speed	
Display diagonal *	40.6 cm (16")	Infrared (IR) camera	✓
Display resolution *	1920 x 1200 pixels	Network	
Touchscreen *	✗	Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
HD type	Full HD+	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)
Panel type	IPS	Mobile network connection *	✗
Native aspect ratio	16:10	Wi-Fi band	Tri-band (2.4 GHz / 5 GHz / 6 GHz)
Anti-glare screen	✓	Wi-Fi data rate (max)	5760 Mbit/s
Display brightness	300 cd/m²	Antenna type	2x2
Pixel density	142 ppi	WLAN controller model	Intel Wi-Fi 7 BE201
RGB colour space	NTSC	WLAN controller manufacturer	Intel
Colour gamut	45%	Bluetooth	✓
Maximum refresh rate	60 Hz	Ports & interfaces	
Contrast ratio (typical)	1000:1	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Processor		HDMI ports quantity *	1
Processor manufacturer *	Intel	HDMI version	2.1
Processor family *	Intel Core Ultra 7	Thunderbolt 4 ports quantity	2
Processor generation	Intel Core Ultra (Series 2)	Intel® Thunderbolt 4	✓
Processor model *	268V	Combo headphone/mic port	✓
Processor cores	8	USB Type-C DisplayPort Alternate Mode	✓
Processor threads	8	PowerShare	✓
Processor boost frequency	5 GHz	Number of USB ports with PowerShare support	1
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		

Processor		Keyboard	
Performance-core base frequency	2.2 GHz	Pointing device	Touchpad
Low Power Efficient-core Base Frequency	2200 MHz	Numeric keypad *	✓
Processor cache	12 MB	Keyboard backlit	✓
Processor cache type	Smart Cache	Copilot key	✓
Processor base power	17 W	Software	
Maximum turbo power	37 W	Operating system architecture	64-bit
Neural processor unit (NPU)		Operating system installed *	Windows 11 Pro
Neural processor unit (NPU)	Intel AI Boost	Battery	
Sparsity support	✓	Number of battery cells	3
Windows Studio effects support	✓	Battery capacity *	55 Wh
AI software frameworks supported by NPU	DirectML, OpenVINO, Windows ML, ONNX RT, WebNN	Battery voltage	11.7 V
Total processor performance up to	118 TOPs	Fast charging	✓
NPU performance up to	48 TOPs	Battery charge indicator	✓
GPU performance up to	66 TOPs	Battery weight	220 g
Memory		Power	
Internal memory *	32 GB	AC adapter power	65 W
Internal memory type	LPDDR5x-SDRAM	AC adapter frequency	50 - 60 Hz
Memory form factor	On-board	AC adapter input voltage	100 - 240 V
Maximum internal memory *	32 GB	USB Type-C charging port *	✓
Memory data transfer rate	8533 MT/s	USB Type-C required charging power (max) *	100 W
Storage		USB Power Delivery (USB PD)	✓
Total storage capacity *	512 GB	USB charging voltage	5,9,15,20 V
Storage media *	SSD	Security	
Total SSDs capacity	512 GB	Cable lock slot	✓
Number of SSDs installed	1	Cable lock slot type	Wedge
SSD capacity	512 GB	Trusted Platform Module (TPM)	✓
SSD interface	PCI Express 4.0	Trusted Platform Module (TPM) version	2.0
NVMe	✓	Operational conditions	
SSD form factor	M.2	Operating temperature (T-T)	0 - 35 °C
Optical drive type *	✗	Storage temperature (T-T)	-40 - 65 °C
Card reader integrated	✓	Operating relative humidity (H-H)	10 - 90%
Compatible memory cards	MicroSD (TransFlash)	Storage relative humidity (H-H)	0 - 95%
Graphics		Operating altitude	-15.2 - 3048 m
Discrete graphics card model *	Not available	Non-operating altitude	-15.2 - 10668 m
On-board graphics card *	✓	Operating shock	110 G
On-board GPU manufacturer	Intel	Non-operating shock	160 G
Discrete graphics card *	✗	Operating vibration	0.66 G
On-board graphics card family	Intel Arc Graphics	Non-operating vibration	1.3 G
On-board graphics card model *	Intel Arc Graphics 140V	Weight & dimensions	
Audio		Width	358 mm
Audio chip	Cirrus Logic CS42L43	Depth	251.4 mm
Number of built-in speakers	2	Height	21.4 mm
Speaker power	2.5 W	Height (front)	1.99 cm
Built-in microphone	✓	Height (rear)	2.06 cm
Number of microphones	2	Weight *	1.84 kg
Packaging content		AC adapter included *	✓

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