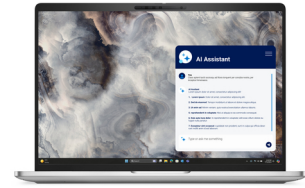




## DELL Pro 16 Plus PB16250 Intel Core Ultra 7 268V Laptop 40.6 cm (16") Full HD+ 32 GB LPDDR5x-SDRAM 512 GB SSD Wi-Fi 7 (802.11be) Windows 11 Pro Aluminium



Brand : DELL

Product family: Pro

Product code: 647N0

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

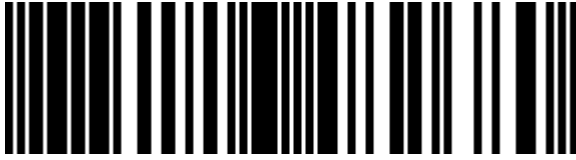
DELL Pro 16 Plus PB16250 Intel Core Ultra 7 268V Laptop 40.6 cm (16") Full HD+ 32 GB LPDDR5x-SDRAM 512 GB SSD Wi-Fi 7 (802.11be) Windows 11 Pro Aluminium:

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		Audio	
Product type *	Laptop	Audio chip	Cirrus Logic CS42L43
Product colour *	Aluminium	Number of built-in speakers	2
Form factor *	Clamshell	Speaker power	2.5 W
Housing material	Aluminium	Built-in microphone	✓
<b>Display</b>		Number of microphones	2
Display diagonal *	40.6 cm (16")	<b>Camera</b>	
Display resolution *	1920 x 1200 pixels	Front camera	✓
Touchscreen *	✗	Video capturing speed	30 fps
HD type	Full HD+	<b>Network</b>	
Panel type	IPS	Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
Native aspect ratio	16:10	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)
Anti-glare screen	✓	Mobile network connection *	✗
Display brightness	300 cd/m <sup>2</sup>	Wi-Fi band	Tri-band (2.4 GHz / 5 GHz / 6 GHz)
Pixel density	142 ppi	Wi-Fi data rate (max)	5760 Mbit/s
RGB colour space	NTSC	Antenna type	2x2
Colour gamut	45%	WLAN controller model	Intel Wi-Fi 7 BE201
Maximum refresh rate	60 Hz	WLAN controller manufacturer	Intel
Contrast ratio (typical)	1000:1	Bluetooth	✓
<b>Processor</b>		<b>Ports &amp; interfaces</b>	
Processor manufacturer *	Intel	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Processor family *	Intel Core Ultra 7	HDMI ports quantity *	1
Processor generation	Intel Core Ultra (Series 2)	HDMI version	2.1
Processor model *	268V	Thunderbolt 4 ports quantity	2
Processor cores	8	Intel® Thunderbolt 4	✓
Processor threads	8	Combo headphone/mic port	✓
Processor boost frequency	5 GHz	USB Type-C DisplayPort Alternate Mode	✓
Performance cores	4	PowerShare	✓
Low Power Efficient-cores	4		
Performance-core Max Turbo Frequency	5 GHz		
Low Power Efficient-core Max Turbo Frequency	3.7 GHz		

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



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