



DELL Pro 16 Plus PB16250 Intel Core Ultra 7 265U Laptop 40.6 cm (16") Full HD+ 16 GB DDR5-SDRAM 512 GB SSD Wi-Fi 6E (802.11ax) Windows 11 Pro Aluminium German

Brand : DELL

Product family: Pro

Product code: 182PF

Product name : PB16250

DELL Pro 16 Plus PB16250. Product type: Laptop, Form factor: Clamshell. Processor family: Intel Core Ultra 7, Processor model: 265U. 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	Mobile network connection *	✗
Product colour *	Aluminium	Wi-Fi band	Tri-band (2.4 GHz / 5 GHz / 6 GHz)
Form factor *	Clamshell	Antenna type	2x2
Housing material	Aluminium	WLAN controller model	Intel Wi-Fi 6E AX211
Intel® vPro™ Platform Eligibility	✓	WLAN controller manufacturer	Intel
Display		Ethernet LAN	✓
Display diagonal *	40.6 cm (16")	Ethernet LAN data rates	10,100,1000 Mbit/s
Display resolution *	1920 x 1200 pixels	Bluetooth	✓
Touchscreen *	✗	Near Field Communication (NFC)	✓
HD type	Full HD+	Ports & interfaces	
Panel type	IPS	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Native aspect ratio	16:10	Ethernet LAN (RJ-45) ports	1
Anti-glare screen	✓	HDMI ports quantity *	1
Display brightness	300 cd/m²	HDMI version	2.1
Pixel density	142 ppi	Thunderbolt 4 ports quantity	2
RGB colour space	NTSC	Intel® Thunderbolt 4	✓
Colour gamut	45%	Combo headphone/mic port	✓
Maximum refresh rate	60 Hz	USB Type-C DisplayPort Alternate Mode	✓
Contrast ratio (typical)	1000:1	PowerShare	✓
Processor		Number of USB ports with PowerShare support	1
Processor manufacturer *	Intel	Keyboard	
Processor family *	Intel Core Ultra 7	Pointing device	Touchpad
Processor generation	Intel Core Ultra (Series 2)	Numeric keypad *	✓
Processor model *	265U	Keyboard backlit	✓
Processor cores	12	Keyboard language	German
Processor threads	14	Copilot key	✓
Processor boost frequency	5.3 GHz	Software	
Performance cores	2	Operating system architecture	64-bit
Efficient cores	8	Trial software	Activate Your Microsoft 365 For A 30 Day Trial
Low Power Efficient-cores	2		
Performance-core Max Turbo Frequency	5.3 GHz		
Efficient-core Max Turbo Frequency	4.2 GHz		

Processor		Software	
Low Power Efficient-core Max Turbo Frequency	2.4 GHz	Operating system installed *	Windows 11 Pro
Performance-core base frequency	2.1 GHz	Brand-specific features	
Efficient-core base frequency	1.7 GHz	Brand specific technologies	Control Vault 3+, Express Charge Boost capable, TNR
Low Power Efficient-core Base Frequency	700 MHz	Battery	
Processor cache	12 MB	Number of battery cells	3
Processor base power	15 W	Battery capacity *	55 Wh
Maximum turbo power	57 W	Battery voltage	11.7 V
Neural processor unit (NPU)		Fast charging	✓
Neural processor unit (NPU)	Intel AI Boost	Battery charge indicator	✓
Sparsity support	✓	Battery weight	220 g
Windows Studio effects support	✓	Power	
AI software frameworks supported by NPU	DirectML, ONNX RT, OpenVINO, Windows ML	AC adapter power	65 W
NPU performance up to	12 TOPs	AC adapter frequency	50 - 60 Hz
Memory		AC adapter input voltage	100 - 240 V
Internal memory *	16 GB	USB Type-C charging port *	✓
Internal memory type	DDR5-SDRAM	USB Type-C required charging power (min) *	27 W
Memory form factor	SO-DIMM	USB Type-C required charging power (max) *	72 W
Memory layout (slots x size)	1 x 16 GB	USB Power Delivery (USB PD)	✓
Memory slots	2x SO-DIMM	USB charging voltage	5,9,15,20 V
Maximum internal memory *	64 GB	Security	
Memory data transfer rate	5600 MT/s	Cable lock slot	✓
Storage		Cable lock slot type	Wedge
Total storage capacity *	512 GB	Fingerprint reader	✓
Storage media *	SSD	Smart card reader	✓
Total SSDs capacity	512 GB	Face recognition	✓
Number of SSDs installed	1	Trusted Platform Module (TPM)	✓
SSD capacity	512 GB	Trusted Platform Module (TPM) version	2.0
SSD interface	PCI Express 4.0	Operational conditions	
NVMe	✓	Operating temperature (T-T)	0 - 35 °C
SSD form factor	M.2	Storage temperature (T-T)	-40 - 65 °C
Optical drive type *	✗	Operating relative humidity (H-H)	10 - 90%
Card reader integrated	✓	Storage relative humidity (H-H)	0 - 95%
Compatible memory cards	MicroSD (TransFlash)	Operating altitude	-15.2 - 3048 m
Graphics		Non-operating altitude	-15.2 - 10668 m
Discrete graphics card model *	Not available	Operating shock	110 G
On-board graphics card *	✓	Non-operating shock	160 G
On-board GPU manufacturer	Intel	Operating vibration	0.66 G
Discrete graphics card *	✗	Non-operating vibration	1.3 G
On-board graphics card family	Intel® Graphics	Weight & dimensions	
On-board graphics card model *	Intel® Graphics	Width	358 mm
Audio		Depth	251.4 mm
Audio chip	Cirrus Logic CS42L43	Height	21.4 mm
Number of built-in speakers	2	Height (front)	1.99 cm
Speaker power	2.5 W	Height (rear)	2.06 cm
Built-in microphone	✓	Weight *	1.84 kg
Number of microphones	2	Carbon footprint	
Camera		Total carbon footprint (kg of CO2e)	116
Front camera	✓	Carbon emissions, manufacturing (kg of CO2e)	88.51
Front camera resolution (numeric)	2.07 MP	Carbon emissions, logistics (kg of CO2e)	5.45
Front camera resolution	1920 x 1080 pixels	Carbon emissions, energy usage (kg of CO2e)	19.37
Front camera HD type	Full HD		
Video capturing speed	30 fps		
Infrared (IR) camera	✓		

Network		Carbon footprint	
Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)	Carbon emissions, end-of-life (kg of CO2e)	2.55
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6E (802.11ax)	PAIA version	GaBi version 1, 2024
Packaging content			
AC adapter included *			✓



5397184937990

Catalog Object Cloud



Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity. Automated scraping, data mining, or harvesting for the purpose of training machine learning models, neural networks, or artificial intelligence systems is strictly prohibited without a commercial license.