



DELL Pro 16 Plus PB16250 Intel Core Ultra 5 235U Laptop 40.6 cm (16") Full HD+ 16 GB DDR5-SDRAM 512 GB SSD Wi-Fi 6E (802.11ax) Windows 11 Pro Aluminium German

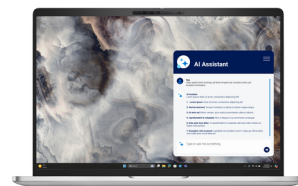
Brand : DELL

Product family: Pro

Product code: 2HT48

Product name : PB16250

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: 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	Wi-Fi data rate (max)	2400 Mbit/s
Housing material	Aluminium	Antenna type	2x2
Intel® vPro™ Platform Eligibility	✓	WLAN controller model	Intel Wi-Fi 6E AX211
Display		WLAN controller manufacturer	Intel
Display diagonal *	40.6 cm (16")	Ethernet LAN	✓
Display resolution *	1920 x 1200 pixels	Ethernet LAN data rates	10,100,1000 Mbit/s
Touchscreen *	✗	Bluetooth	✓
HD type	Full HD+	Near Field Communication (NFC)	✓
Panel type	IPS	WWAN	Upgradable
Native aspect ratio	16:10	Ports & interfaces	
Anti-glare screen	✓	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Display brightness	300 cd/m²	Ethernet LAN (RJ-45) ports	1
Pixel density	142 ppi	HDMI ports quantity *	1
RGB colour space	NTSC	HDMI version	2.1
Colour gamut	45%	Thunderbolt 4 ports quantity	2
Maximum refresh rate	60 Hz	Intel® Thunderbolt 4	✓
Contrast ratio (typical)	1000:1	Combo headphone/mic port	✓
Processor		USB Type-C DisplayPort Alternate Mode	✓
Processor manufacturer *	Intel	PowerShare	✓
Processor family *	Intel Core Ultra 5	Number of USB ports with PowerShare support	1
Processor generation	Intel Core Ultra (Series 2)	Keyboard	
Processor model *	235U	Pointing device	Touchpad
Processor cores	12	Numeric keypad *	✓
Processor threads	14	Keyboard backlit	✓
Processor boost frequency	4.9 GHz	Keyboard language	German
Performance cores	2	Copilot key	✓
Efficient cores	8	Software	
Low Power Efficient-cores	2	Operating system architecture	64-bit
Performance-core Max Turbo Frequency	4.9 GHz		
Efficient-core Max Turbo Frequency	4.1 GHz		

Processor		Software	
Low Power Efficient-core Max Turbo Frequency	2.4 GHz	Trial software	Activate Your Microsoft 365 For A 30 Day Trial
Performance-core base frequency	2 GHz	Operating system installed *	Windows 11 Pro
Efficient-core base frequency	1.6 GHz	Brand-specific features	
Low Power Efficient-core Base Frequency	700 MHz	Brand specific technologies	Control Vault 3+, Express Charge Boost capable, TNR
Processor cache	12 MB	Battery	
Processor base power	15 W	Number of battery cells	3
Maximum turbo power	57 W	Battery capacity *	55 Wh
Neural processor unit (NPU)		Battery voltage	11.7 V
Neural processor unit (NPU)	Intel AI Boost	Fast charging	✓
Sparsity support	✓	Battery charge indicator	✓
Windows Studio effects support	✓	Battery weight	220 g
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 Type-C required charging power (max) *	100 W
Memory slots	2x SO-DIMM	USB Power Delivery (USB PD)	✓
Maximum internal memory *	64 GB	USB charging voltage	5,9,15,20 V
Memory data transfer rate	5600 MT/s	Security	
Storage		Cable lock slot	✓
Total storage capacity *	512 GB	Cable lock slot type	Wedge
Storage media *	SSD	Fingerprint reader	✓
Total SSDs capacity	512 GB	Smart card reader	✓
Number of SSDs installed	1	Face recognition	✓
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® Graphics	Non-operating vibration	1.3 G
On-board graphics card model *	Intel® Graphics	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
Camera		Carbon footprint	
Front camera	✓	Total carbon footprint (kg of CO2e)	116
Front camera resolution (numeric)	2.07 MP	Carbon emissions, manufacturing (kg of CO2e)	88.51
Front camera resolution	1920 x 1080 pixels	Carbon emissions, logistics (kg of CO2e)	5.45
Front camera HD type	Full HD		
Video capturing speed	30 fps		
Infrared (IR) camera	✓		
Privacy camera	✓		

Camera		Carbon footprint	
Privacy type	Privacy shutter	Carbon emissions, energy usage (kg of CO2e)	19.37
Network		Carbon emissions, end-of-life (kg of CO2e)	2.55
Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)	PAIA version	GaBi version 1, 2024
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6E (802.11ax)	Packaging content	
		AC adapter included *	✓



5397184937792

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.