



DELL Pro 16 Plus PB16250 Intel Core Ultra 7 265U Laptop 40.6 cm (16") Full HD+ 32 GB DDR5-SDRAM SSD Wi-Fi 6E (802.11ax) Windows 11 Pro Aluminium

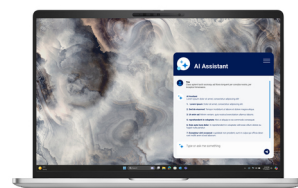
Brand : DELL

Product family: Pro

Product code:
BTO108_PB16250_EMEA

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: 32 GB, Internal memory type: DDR5-SDRAM. 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	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Product colour *	Aluminium	Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6E (802.11ax)
Form factor *	Clamshell		
Housing material	Aluminium	Mobile network connection *	✗
Intel® vPro™ Platform Eligibility	✓	Wi-Fi band	Tri-band (2.4 GHz / 5 GHz / 6 GHz)
Display		Wi-Fi data rate (max)	2400 Mbit/s
Display diagonal *	40.6 cm (16")	Antenna type	2x2
Display resolution *	1920 x 1200 pixels	WLAN controller model	Intel Wi-Fi 6E AX211
Touchscreen *	✗	WLAN controller manufacturer	Intel
HD type	Full HD+	Ethernet LAN	✓
Panel type	IPS	Ethernet LAN data rates	10,100,1000 Mbit/s
Native aspect ratio	16:10	Bluetooth	✓
Anti-glare screen	✓	Ports & interfaces	
Display brightness	300 cd/m²	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Pixel density	142 ppi	Ethernet LAN (RJ-45) ports	1
RGB colour space	NTSC	HDMI ports quantity *	1
Colour gamut	45%	HDMI version	2.1
Maximum refresh rate	60 Hz	Thunderbolt 4 ports quantity	2
Contrast ratio (typical)	1000:1	Intel® Thunderbolt 4	✓
Processor		Combo headphone/mic port	✓
Processor manufacturer *	Intel	USB Type-C DisplayPort Alternate Mode	✓
Processor family *	Intel Core Ultra 7	PowerShare	✓
Processor generation	Intel Core Ultra (Series 2)	Number of USB ports with PowerShare support	1
Processor model *	265U	Keyboard	
Processor cores	12	Pointing device	Touchpad
Processor threads	14	Numeric keypad *	✓
Processor boost frequency	5.3 GHz	Keyboard backlit	✓
Performance cores	2	Software	
Efficient cores	8	Operating system architecture	64-bit
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	Trial software	McAfee Business Protection 1-year, No Microsoft Office License included (Fed and Premier, Exception Only)
Performance-core base frequency	2.1 GHz		
Efficient-core base frequency	1.7 GHz	Operating system installed *	Windows 11 Pro
Low Power Efficient-core Base Frequency	700 MHz		
Processor cache	12 MB	Battery	
Processor base power	15 W	Number of battery cells	3
Maximum turbo power	57 W	Fast charging	✓
		Battery charge indicator	✓
Neural processor unit (NPU)		Power	
Neural processor unit (NPU)	Intel AI Boost	AC adapter power	65 W
Sparsity support	✓	AC adapter frequency	50 - 60 Hz
Windows Studio effects support	✓	AC adapter input voltage	100 - 240 V
AI software frameworks supported by NPU	DirectML, ONNX RT, OpenVINO, Windows ML	USB Type-C charging port *	✓
NPU performance up to	12 TOPs	USB Type-C required charging power (min) *	27 W
Memory		USB Power Delivery (USB PD)	✓
Internal memory *	32 GB	USB charging voltage	5,9,15,20 V
Internal memory type	DDR5-SDRAM	Security	
Memory form factor	SO-DIMM	Cable lock slot	✓
Memory layout (slots x size)	1 x 32 GB	Cable lock slot type	Wedge
Memory slots	2x SO-DIMM	Fingerprint reader	✓
Maximum internal memory *	64 GB	Smart card reader	✓
Memory data transfer rate	5600 MT/s	Trusted Platform Module (TPM)	✓
Storage		Trusted Platform Module (TPM) version	2.0
Storage media *	SSD	Operational conditions	
SSD interface	PCI Express 4.0	Operating temperature (T-T)	0 - 35 °C
NVMe	✓	Storage temperature (T-T)	-40 - 65 °C
SSD form factor	M.2	Operating relative humidity (H-H)	10 - 90%
Optical drive type *	✗	Storage relative humidity (H-H)	0 - 95%
Card reader integrated	✓	Operating altitude	-15.2 - 3048 m
Compatible memory cards	MicroSD (TransFlash)	Non-operating altitude	-15.2 - 10668 m
Graphics		Operating shock	110 G
Discrete graphics card model *	Not available	Non-operating shock	160 G
On-board graphics card *	✓	Operating vibration	0.66 G
On-board GPU manufacturer	Intel	Non-operating vibration	1.3 G
Discrete graphics card *	✗	Weight & dimensions	
On-board graphics card family	Intel® Graphics	Width	358 mm
On-board graphics card model *	Intel® Graphics	Depth	251.4 mm
Audio		Height	21.4 mm
Audio chip	Cirrus Logic CS42L43	Height (front)	1.99 cm
Number of built-in speakers	2	Height (rear)	2.06 cm
Speaker power	2.5 W	Weight *	1.84 kg
Built-in microphone	✓	Carbon footprint	
Number of microphones	2	Total carbon footprint (kg of CO2e)	97.9
Camera		Carbon emissions, manufacturing (kg of CO2e)	70.488
Front camera	✓	Carbon emissions, logistics (kg of CO2e)	5.4824
Front camera resolution (numeric)	2.07 MP	Carbon emissions, energy usage (kg of CO2e)	19.3842
Front camera resolution	1920 x 1080 pixels	Carbon emissions, end-of-life (kg of CO2e)	2.6433
Front camera HD type	Full HD	Total carbon emissions, w/o use phase (kg of CO2e)	78.5158
Video capturing speed	30 fps	PAIA version	GaBi version 1, 2024
Infrared (IR) camera	✓		

Packaging content

AC adapter included *



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