



**DELL Pro 16 PC16250 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 US International Platinum**

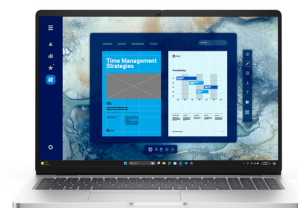
Brand : DELL

Product family: Pro

Product code: C11MN

Product name : PC16250

DELL Pro 16 PC16250. 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: Platinum. Weight: 1.92 kg



Design		Network	
Colour name	Platinum silver	Mobile network connection *	✗
Product type *	Laptop	Antenna type	2x2
Product colour *	Platinum	WLAN controller model	Intel Wi-Fi 6E AX211
Form factor *	Clamshell	WLAN controller manufacturer	Intel
Intel® vPro™ Platform Eligibility	✓	Ethernet LAN	✓
Display		Ethernet LAN data rates	10,100,1000 Mbit/s
Display diagonal *	40.6 cm (16")	Bluetooth	✓
Display resolution *	1920 x 1200 pixels	Ports & interfaces	
Touchscreen *	✗	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
HD type	Full HD+	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Panel type	IPS	Ethernet LAN (RJ-45) ports	1
Native aspect ratio	16:10	HDMI ports quantity *	1
Anti-glare screen	✓	HDMI version	2.1
Display brightness	300 cd/m²	Thunderbolt 4 ports quantity	1
Pixel density	141 ppi	Intel® Thunderbolt 4	✓
RGB colour space	NTSC	Combo headphone/mic port	✓
Colour gamut	45%	Power adapter barrel connector	4.5 mm
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	Performance	
Processor family *	Intel Core Ultra 5	Hall sensor	✓
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	US International
Performance cores	2	Copilot key	✓
Efficient cores	8		
Low Power Efficient-cores	2		
Performance-core Max Turbo Frequency	4.9 GHz		
Efficient-core Max Turbo Frequency	4.1 GHz		
Low Power Efficient-core Max Turbo Frequency	2.4 GHz		

Processor		Software	
Performance-core base frequency	2 GHz	Operating system architecture	64-bit
Efficient-core base frequency	1.6 GHz	Trial software	Activate Your Microsoft 365 For A 30 Day Trial
Low Power Efficient-core Base Frequency	700 MHz	Operating system installed *	Windows 11 Pro
Processor cache	12 MB	Brand-specific features	
Processor base power	15 W	Brand specific technologies	Express Charge Boost capable, HDR Camera, TNR
Maximum turbo power	57 W	Battery	
Neural processor unit (NPU)		Number of battery cells	3
Neural processor unit (NPU)	Intel AI Boost	Battery capacity *	55 Wh
Sparsity support	✓	Battery voltage	11.7 V
Windows Studio effects support	✓	Battery recharge time	4 h
AI software frameworks supported by NPU	DirectML, ONNX RT, OpenVINO, Windows ML	Fast charging	✓
NPU performance up to	12 TOPs	Battery weight	210 g
Memory		Power	
Internal memory *	16 GB	AC adapter frequency	50 - 60 Hz
Internal memory type	DDR5-SDRAM	AC adapter input voltage	100 - 240 V
Memory form factor	SO-DIMM	DC-in jack	✓
Memory layout (slots x size)	1 x 16 GB	USB Type-C charging port *	✓
Memory slots	2x SO-DIMM	USB Type-C required charging power (min) *	27 W
Maximum internal memory *	64 GB	USB Type-C required charging power (max) *	65 W
Memory data transfer rate	5600 MT/s	USB Power Delivery (USB PD)	✓
Storage		USB charging voltage	5,9,15,20 V
Total storage capacity *	512 GB	Security	
Storage media *	SSD	Cable lock slot	✓
Total SSDs capacity	512 GB	Cable lock slot type	Wedge
Number of SSDs installed	1	Fingerprint reader	✓
SSD capacity	512 GB	Face recognition	✓
Optical drive type *	✗	Trusted Platform Module (TPM)	✓
Graphics		Trusted Platform Module (TPM) version	2.0
Discrete graphics card model *	Not available	Operational conditions	
On-board graphics card *	✓	Operating temperature (T-T)	0 - 40 °C
On-board GPU manufacturer	Intel	Storage temperature (T-T)	-40 - 65 °C
Discrete graphics card *	✗	Operating relative humidity (H-H)	0 - 90%
On-board graphics card family	Intel® Graphics	Storage relative humidity (H-H)	0 - 95%
On-board graphics card model *	Intel® Graphics	Operating altitude	-15.2 - 3048 m
Audio		Non-operating altitude	-15.2 - 10668 m
Audio chip	Realtek ALC3204	Operating shock	140 G
Audio system	MaxxAudio Pro	Operating vibration	0.66 G
Number of built-in speakers	2	Weight & dimensions	
Speakers manufacturer	Waves	Width	358 mm
Speaker power	2.5 W	Depth	251.8 mm
Built-in microphone	✓	Height (front)	1.89 cm
Number of microphones	2	Height (rear)	2.08 cm
Camera		Weight *	1.92 kg
Front camera	✓	Carbon footprint	
Front camera resolution (numeric)	2.07 MP	Total carbon footprint (kg of CO2e)	108
Front camera resolution	1920 x 1080 pixels	Carbon emissions, manufacturing (kg of CO2e)	70.416
Front camera HD type	Full HD	Carbon emissions, logistics (kg of CO2e)	6.048
Video capturing speed	30 fps	Carbon emissions, energy usage (kg of CO2e)	28.512
Infrared (IR) camera	✓	Carbon emissions, end-of-life (kg of CO2e)	3.024
Privacy camera	✓		
Privacy type	Privacy shutter		
Network			
Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)		

Network		Carbon footprint	
Wi-Fi standards	Wi-Fi 5 (802.11ac), 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 6E (802.11ax)	PAIA version	GaBi version 1, 2024
		Packaging content	
		AC adapter included *	✗



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