



DELL Pro 16 PC16250 Intel Core Ultra 5 235U Laptop 40.6 cm (16") Full HD+ 32 GB DDR5-SDRAM 512 GB SSD Ubuntu Linux Platinum

Brand : DELL

Product family: Pro

Product code:
PC16250_383615

Product name : PC16250

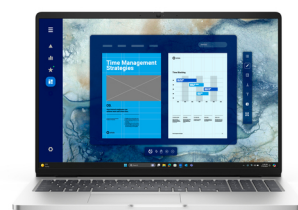
- Ubuntu Linux
- Intel Core Ultra 5 235U (12MB Cache)
- 40.6 cm (16") Full HD+ 1920 x 1200 IPS
- 32GB DDR5-SDRAM & 512GB SSD

Intel Core Ultra 5 235U (12MB Cache), 32GB DDR5-SDRAM, 512GB SSD, 40.6 cm (16") Full HD+ 1920 x 1200 IPS, Intel Graphics, LAN, Webcam, Ubuntu Linux

DELL Pro 16 PC16250 Intel Core Ultra 5 235U Laptop 40.6 cm (16") Full HD+ 32 GB DDR5-SDRAM 512 GB SSD Ubuntu Linux Platinum:

16-inch AI capable PC with a built-in AI chip, exceptional battery life, Intel® Core™ Ultra processors, and a sleek, modular design for enhanced durability.

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: 32 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 512 GB, Storage media: SSD. On-board graphics card model: Intel® Graphics. Operating system installed: Ubuntu Linux. Product colour: Platinum. Weight: 1.92 kg



Design		Camera	
Product type *	Laptop	Front camera	✓
Product colour *	Platinum	Front camera resolution (numeric)	2.07 MP
Form factor *	Clamshell	Front camera resolution	1920 x 1080 pixels
Display		Front camera HD type	Full HD
Display diagonal *	40.6 cm (16")	Video capturing speed	30 fps
Display resolution *	1920 x 1200 pixels	Privacy camera	✓
Touchscreen *	✗	Privacy type	Privacy shutter
HD type	Full HD+	Network	
Panel type	IPS	Mobile network connection *	✗
Native aspect ratio	16:10	Ethernet LAN	✓
Anti-glare screen	✓	Ethernet LAN data rates	10,100,1000 Mbit/s
Display brightness	300 cd/m²	Bluetooth	✓
Pixel density	141 ppi	Ports & interfaces	
RGB colour space	NTSC	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Colour gamut	45%	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Maximum refresh rate	60 Hz	Ethernet LAN (RJ-45) ports	1
Contrast ratio (typical)	1000:1	HDMI ports quantity *	1
Processor		HDMI version	2.1
Processor manufacturer *	Intel	Thunderbolt 4 ports quantity	1
Processor family *	Intel Core Ultra 5	Intel® Thunderbolt 4	✓
Processor generation	Intel Core Ultra (Series 2)	Combo headphone/mic port	✓
Processor model *	235U	Power adapter barrel connector	4.5 mm
Processor cores	12	USB Type-C DisplayPort Alternate Mode	✓
Processor threads	14	PowerShare	✓
Processor boost frequency	4.9 GHz	Number of USB ports with PowerShare support	1
Performance cores	2	Performance	
Efficient cores	8	Hall sensor	✓
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		Keyboard	
Performance-core base frequency	2 GHz	Pointing device	Touchpad
Efficient-core base frequency	1.6 GHz	Numeric keypad *	✓
Low Power Efficient-core Base Frequency	700 MHz	Copilot key	✓
Processor cache	12 MB	Software	
Processor base power	15 W	Operating system installed *	Ubuntu Linux
Maximum turbo power	57 W	Battery	
Neural processor unit (NPU)		Number of battery cells	3
Neural processor unit (NPU)	Intel AI Boost	Battery recharge time	4 h
Sparsity support	✓	Fast charging	✓
Windows Studio effects support	✓	Power	
AI software frameworks supported by NPU	DirectML, ONNX RT, OpenVINO, Windows ML	AC adapter frequency	50 - 60 Hz
Memory		AC adapter input voltage	100 - 240 V
Internal memory *	32 GB	DC-in jack	✓
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 slots	2x SO-DIMM	USB Type-C required charging power (max) *	65 W
Maximum internal memory *	64 GB	USB Power Delivery (USB PD)	✓
Memory data transfer rate	5600 MT/s	USB charging voltage	5,9,15,20 V
Storage		Security	
Total storage capacity *	512 GB	Cable lock slot	✓
Storage media *	SSD	Cable lock slot type	Wedge
Total SSDs capacity	512 GB	Trusted Platform Module (TPM)	✓
Number of SSDs installed	1	Trusted Platform Module (TPM) version	2.0
SSD capacity	512 GB	Operational conditions	
Optical drive type *	✗	Operating temperature (T-T)	0 - 40 °C
Graphics		Storage temperature (T-T)	-40 - 65 °C
Discrete graphics card model *	Not available	Operating relative humidity (H-H)	0 - 90%
On-board graphics card *	✓	Storage relative humidity (H-H)	0 - 95%
On-board GPU manufacturer	Intel	Operating altitude	-15.2 - 3048 m
Discrete graphics card *	✗	Non-operating altitude	-15.2 - 10668 m
On-board graphics card family	Intel® Graphics	Operating shock	140 G
On-board graphics card model *	Intel® Graphics	Operating vibration	0.66 G
Audio		Weight & dimensions	
Audio chip	Realtek ALC3204	Width	358 mm
Audio system	MaxxAudio Pro	Depth	251.8 mm
Number of built-in speakers	2	Height (front)	1.89 cm
Speakers manufacturer	Waves	Height (rear)	2.08 cm
Speaker power	2.5 W	Weight *	1.92 kg
Built-in microphone	✓	Packaging content	
Number of microphones	2	AC adapter included *	✓

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