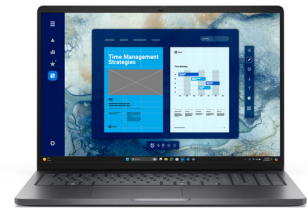




DELL Pro 16 PC16250 Intel Core Ultra 7 255U Laptop 40.6 cm (16") Full HD+ 16 GB DDR5-SDRAM 512 GB SSD Wi-Fi 6 (802.11ax) Windows 11 Pro UK English Black



Brand : DELL

Product family: Pro

Product code: GDDHG

Product name : PC16250

- Windows 11 Pro 64-bit
 - Intel Core Ultra 7 255U (12MB Cache)
 - 16" Full HD+ 1920 x 1200 IPS
 - 16GB DDR5-SDRAM (1 x 16) & 512GB SSD
- Intel Core Ultra 7 255U (12MB Cache), 16GB DDR5-SDRAM, 512GB SSD, 16" Full HD+ 1920 x 1200 IPS, Intel Graphics, LAN, WLAN, Webcam, Windows 11 Pro 64-bit

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Sets a new baseline in durability, portability, and AI-powered features ensuring essential productivity and robust security for users.

DELL Pro 16 PC16250. Product type: Laptop, Form factor: Clamshell. Processor family: Intel Core Ultra 7, Processor model: 255U. 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: Black. Weight: 1.92 kg

Design		Network	
Colour name	Magnetite	WLAN controller model	MediaTek MT7920
Product type *	Laptop	WLAN controller manufacturer	MediaTek
Product colour *	Black	Ethernet LAN	✓
Form factor *	Clamshell	Ethernet LAN data rates	10,100,1000 Mbit/s
Display		Bluetooth	✓
Display diagonal *	40.6 cm (16")	Ports & interfaces	
Display resolution *	1920 x 1200 pixels	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Touchscreen *	✗	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
HD type	Full HD+	Ethernet LAN (RJ-45) ports	1
Panel type	IPS	HDMI ports quantity *	1
Native aspect ratio	16:10	HDMI version	2.1
Anti-glare screen	✓	Thunderbolt 4 ports quantity	1
Display brightness	300 cd/m ²	Intel® Thunderbolt 4	✓
Pixel density	141 ppi	Combo headphone/mic port	✓
RGB colour space	NTSC	Power adapter barrel connector	4.5 mm
Colour gamut	45%	USB Type-C DisplayPort Alternate Mode	✓
Maximum refresh rate	60 Hz	PowerShare	✓
Contrast ratio (typical)	1000:1	Number of USB ports with PowerShare support	1
Processor		Performance	
Processor manufacturer *	Intel	Hall sensor	✓
Processor family *	Intel Core Ultra 7	Keyboard	
Processor generation	Intel Core Ultra (Series 2)	Pointing device	Touchpad
Processor model *	255U	Numeric keypad *	✓
Processor cores	12	Keyboard backlit	✓
Processor threads	14	Keyboard language	UK English
Processor boost frequency	5.2 GHz	Copilot key	✓
Performance cores	2		
Efficient cores	8		
Low Power Efficient-cores	2		
Performance-core Max Turbo Frequency	5.2 GHz		
Efficient-core Max Turbo Frequency	4.2 GHz		

Processor		Software	
Low Power Efficient-core Max Turbo Frequency	2.4 GHz	Operating system architecture	64-bit
Performance-core base frequency	2 GHz	Trial software	Activate Your Microsoft 365 For A 30 Day Trial
Efficient-core base frequency	1.7 GHz	Operating system installed *	Windows 11 Pro
Low Power Efficient-core Base Frequency	700 MHz	Brand-specific features	
Processor cache	12 MB	Brand specific technologies	Express Charge Boost capable, HDR Camera, TNR
Processor base power	15 W	Battery	
Maximum turbo power	57 W	Number of battery cells	3
Neural processor unit (NPU)		Battery capacity *	45 Wh
Neural processor unit (NPU)	Intel AI Boost	Battery voltage	11.25 V
Sparsity support	✓	Battery recharge time	4 h
Windows Studio effects support	✓	Fast charging	✓
AI software frameworks supported by NPU	DirectML, ONNX RT, OpenVINO, Windows ML	Battery weight	200 g
NPU performance up to	12 TOPs	Power	
Memory		AC adapter frequency	50 - 60 Hz
Internal memory *	16 GB	AC adapter input voltage	100 - 240 V
Internal memory type	DDR5-SDRAM	DC-in jack	✓
Memory form factor	SO-DIMM	USB Type-C charging port *	✓
Memory layout (slots x size)	1 x 16 GB	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	Fingerprint reader	✗
Number of SSDs installed	1	Trusted Platform Module (TPM)	✓
SSD capacity	512 GB	Trusted Platform Module (TPM) version	2.0
Optical drive type *	✗	Operational conditions	
Card reader integrated	✗	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	✓	Carbon footprint	
Number of microphones	2	Total carbon footprint (kg of CO2e)	108
Camera		Carbon emissions, manufacturing (kg of CO2e)	70.42
Front camera	✓	Carbon emissions, logistics (kg of CO2e)	6.05
Front camera resolution	1920 x 1080 pixels	Carbon emissions, energy usage (kg of CO2e)	28.51
Front camera HD type	Full HD	Carbon emissions, end-of-life (kg of CO2e)	3.02
Video capturing speed	30 fps	PAIA version	GaBi version 1, 2024
Privacy camera	✓		
Privacy type	Privacy shutter		
Network			
Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)		

Network		Packaging content	
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax)	AC adapter included *	✘
Mobile network connection *	✘	Other features	
Antenna type	2x2	Surface treatment	textured



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Catalog Object Cloud



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