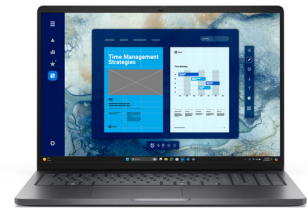




**DELL Pro 16 PC16250 Intel Core Ultra 7 255U Laptop 40.6 cm (16") Full HD+ 16 GB DDR5-SDRAM 512 GB SSD Wi-Fi 6 (802.11ax) Windows 11 Pro UK English Black**



**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

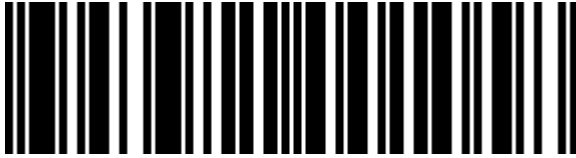
[DELL Pro 16 PC16250 Intel Core Ultra 7 255U Laptop 40.6 cm \(16"\) Full HD+ 16 GB DDR5-SDRAM 512 GB SSD Wi-Fi 6 \(802.11ax\) Windows 11 Pro UK English Black:](#)

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		Camera	
Colour name	Magnetite	Privacy type	Privacy shutter
Product type *	Laptop	Network	
Product colour *	Black	Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)
Form factor *	Clamshell	Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax)
Display		Mobile network connection *	✗
Display diagonal *	40.6 cm (16")	Antenna type	2x2
Display resolution *	1920 x 1200 pixels	WLAN controller model	MediaTek MT7920
Touchscreen *	✗	WLAN controller manufacturer	MediaTek
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/m <sup>2</sup>	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Pixel density	141 ppi	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
RGB colour space	NTSC	Ethernet LAN (RJ-45) ports	1
Colour gamut	45%	HDMI ports quantity *	1
Maximum refresh rate	60 Hz	HDMI version	2.1
Contrast ratio (typical)	1000:1	Thunderbolt 4 ports quantity	1
Processor		Intel® Thunderbolt 4	✓
Processor manufacturer *	Intel	Combo headphone/mic port	✓
Processor family *	Intel Core Ultra 7	Power adapter barrel connector	4.5 mm
Processor generation	Intel Core Ultra (Series 2)	USB Type-C DisplayPort Alternate Mode	✓
Processor model *	255U	PowerShare	✓
Processor cores	12	Number of USB ports with PowerShare support	1
Processor threads	14	Performance	
Processor boost frequency	5.2 GHz	Hall sensor	✓
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		

<b>Processor</b>		<b>Keyboard</b>	
Low Power Efficient-core Max Turbo Frequency	2.4 GHz	Pointing device	Touchpad
Performance-core base frequency	2 GHz	Numeric keypad *	✓
Efficient-core base frequency	1.7 GHz	Keyboard backlit	✓
Low Power Efficient-core Base Frequency	700 MHz	Keyboard language	UK English
Processor cache	12 MB	Copilot key	✓
Processor base power	15 W	<b>Software</b>	
Maximum turbo power	57 W	Operating system architecture	64-bit
<b>Neural processor unit (NPU)</b>		Trial software	Activate Your Microsoft 365 For A 30 Day Trial
Neural processor unit (NPU)	Intel AI Boost	Operating system installed *	Windows 11 Pro
Sparsity support	✓	<b>Brand-specific features</b>	
Windows Studio effects support	✓	Brand specific technologies	Express Charge Boost capable, HDR Camera, TNR
AI software frameworks supported by NPU	DirectML, ONNX RT, OpenVINO, Windows ML	<b>Battery</b>	
NPU performance up to	12 TOPs	Number of battery cells	3
<b>Memory</b>		Battery capacity *	45 Wh
Internal memory *	16 GB	Battery voltage	11.25 V
Internal memory type	DDR5-SDRAM	Battery recharge time	4 h
Memory form factor	SO-DIMM	Fast charging	✓
Memory layout (slots x size)	1 x 16 GB	Battery weight	200 g
Memory slots	2x SO-DIMM	<b>Power</b>	
Maximum internal memory *	64 GB	AC adapter frequency	50 - 60 Hz
Memory data transfer rate	5600 MT/s	AC adapter input voltage	100 - 240 V
<b>Storage</b>		DC-in jack	✓
Total storage capacity *	512 GB	USB Type-C charging port *	✓
Storage media *	SSD	USB Type-C required charging power (min) *	27 W
Total SSDs capacity	512 GB	USB Type-C required charging power (max) *	65 W
Number of SSDs installed	1	USB Power Delivery (USB PD)	✓
SSD capacity	512 GB	USB charging voltage	5,9,15,20 V
Optical drive type *	✗	<b>Security</b>	
<b>Graphics</b>		Cable lock slot	✓
Discrete graphics card model *	Not available	Cable lock slot type	Wedge
On-board graphics card *	✓	Trusted Platform Module (TPM)	✓
On-board GPU manufacturer	Intel	Trusted Platform Module (TPM) version	2.0
Discrete graphics card *	✗	<b>Operational conditions</b>	
On-board graphics card family	Intel® Graphics	Operating temperature (T-T)	0 - 40 °C
On-board graphics card model *	Intel® Graphics	Storage temperature (T-T)	-40 - 65 °C
<b>Audio</b>		Operating relative humidity (H-H)	0 - 90%
Audio chip	Realtek ALC3204	Storage relative humidity (H-H)	0 - 95%
Audio system	MaxxAudio Pro	Operating altitude	-15.2 - 3048 m
Number of built-in speakers	2	Non-operating altitude	-15.2 - 10668 m
Speakers manufacturer	Waves	Operating shock	140 G
Speaker power	2.5 W	Operating vibration	0.66 G
Built-in microphone	✓	<b>Weight &amp; dimensions</b>	
Number of microphones	2	Width	358 mm
<b>Camera</b>		Depth	251.8 mm
Front camera	✓	Height (front)	1.89 cm
Front camera resolution	1920 x 1080 pixels	Height (rear)	2.08 cm
Front camera HD type	Full HD	Weight *	1.92 kg
Video capturing speed	30 fps	<b>Packaging content</b>	
Privacy camera	✓	AC adapter included *	✗
		<b>Other features</b>	
		Surface treatment	textured



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### Catalog Object Cloud



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