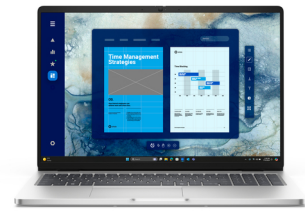




# DELL Pro 16 PC16250 Intel Core Ultra 7 265U Laptop 40.6 cm (16") Full HD+ 16 GB DDR5-SDRAM 512 GB SSD Wi-Fi 6E (802.11ax) Windows 11 Pro UK English Platinum, Silver



**Brand :** DELL

**Product family:** Pro

**Product code:** 90MGH

**Product name :** PC16250

- Windows 11 Pro 64-bit
  - Intel Core Ultra 7 265U (12MB Cache)
  - 40.6 cm (16") Full HD+ 1920 x 1200 IPS
  - 16GB DDR5-SDRAM (1 x 16) & 512GB SSD
- Intel Core Ultra 7 265U (12MB Cache), 16GB DDR5-SDRAM, 512GB SSD, 40.6 cm (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: 265U. 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, Silver. Weight: 1.92 kg

Design		Network	
Colour name	Platinum Silver Color (Metallic Finish)	Mobile network connection *	✗
Product type *	Laptop	Wi-Fi band	Tri-band (2.4 GHz / 5 GHz / 6 GHz)
Product colour *	Platinum, Silver	Wi-Fi data rate (max)	2400 Mbit/s
Form factor *	Clamshell	Antenna type	2x2
Intel® vPro™ Platform Eligibility	✓	WLAN controller model	Intel Wi-Fi 6E AX211
<b>Display</b>		WLAN controller manufacturer	Intel
Display diagonal *	40.6 cm (16")	Ethernet LAN	✓
Display resolution *	1920 x 1200 pixels	Ethernet LAN data rates	10,100,1000 Mbit/s
Touchscreen *	✗	Bluetooth	✓
HD type	Full HD+	<b>Ports &amp; interfaces</b>	
Panel type	IPS	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Native aspect ratio	16:10	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Anti-glare screen	✓	Ethernet LAN (RJ-45) ports	1
Display brightness	300 cd/m <sup>2</sup>	HDMI ports quantity *	1
Pixel density	141 ppi	HDMI version	2.1
RGB colour space	NTSC	Thunderbolt 4 ports quantity	1
Colour gamut	45%	Intel® Thunderbolt 4	✓
Maximum refresh rate	60 Hz	Combo headphone/mic port	✓
Contrast ratio (typical)	1000:1	Power adapter barrel connector	4.5 mm
<b>Processor</b>		USB Type-C DisplayPort Alternate Mode	✓
Processor manufacturer *	Intel	PowerShare	✓
Processor family *	Intel Core Ultra 7	Number of USB ports with PowerShare support	1
Processor generation	Intel Core Ultra (Series 2)	<b>Performance</b>	
Processor model *	265U	Hall sensor	✓
Processor cores	12	<b>Keyboard</b>	
Processor threads	14	Pointing device	Touchpad
Processor boost frequency	5.3 GHz	Numeric keypad *	✓
Performance cores	2		
Efficient cores	8		
Low Power Efficient-cores	2		

<b>Processor</b>		<b>Keyboard</b>	
Performance-core Max Turbo Frequency	5.3 GHz	Keyboard backlit	✓
Efficient-core Max Turbo Frequency	4.2 GHz	Keyboard layout	QWERTY
Low Power Efficient-core Max Turbo Frequency	2.4 GHz	Keyboard language	UK English
Performance-core base frequency	2.1 GHz	Copilot key	✓
Efficient-core base frequency	1.7 GHz	<b>Software</b>	
Low Power Efficient-core Base Frequency	700 MHz	Operating system architecture	64-bit
Processor cache	12 MB	Trial software	Activate Your Microsoft 365 For A 30 Day Trial
Processor base power	15 W	Operating system installed *	Windows 11 Pro
Maximum turbo power	57 W	<b>Brand-specific features</b>	
<b>Neural processor unit (NPU)</b>		Brand specific technologies	Express Charge Boost capable, TNR
Neural processor unit (NPU)	Intel AI Boost	<b>Battery</b>	
Sparsity support	✓	Number of battery cells	3
Windows Studio effects support	✓	Battery capacity *	55 Wh
AI software frameworks supported by NPU	DirectML, ONNX RT, OpenVINO, Windows ML	Battery voltage	11.7 V
NPU performance up to	12 TOPs	Battery recharge time	4 h
<b>Memory</b>		Fast charging	✓
Internal memory *	16 GB	Battery weight	210 g
Internal memory type	DDR5-SDRAM	<b>Power</b>	
Memory form factor	SO-DIMM	AC adapter power	65 W
Memory layout (slots x size)	1 x 16 GB	AC adapter frequency	50 - 60 Hz
Memory slots	2x SO-DIMM	AC adapter input voltage	100 - 240 V
Maximum internal memory *	64 GB	DC-in jack	✓
Memory data transfer rate	5600 MT/s	USB Type-C charging port *	✓
<b>Storage</b>		USB Type-C required charging power (min) *	27 W
Total storage capacity *	512 GB	USB Type-C required charging power (max) *	90 W
Storage media *	SSD	USB Power Delivery (USB PD)	✓
Total SSDs capacity	512 GB	USB charging voltage	5,9,15,20 V
Number of SSDs installed	1	<b>Security</b>	
SSD capacity	512 GB	Cable lock slot	✓
SSD interface	PCI Express 4.0	Cable lock slot type	Wedge
NVMe	✓	Fingerprint reader	✓
SSD form factor	M.2	Face recognition	✓
Optical drive type *	✗	Trusted Platform Module (TPM)	✓
<b>Graphics</b>		Trusted Platform Module (TPM) version	2.0
Discrete graphics card model *	Not available	<b>Operational conditions</b>	
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
<b>Audio</b>		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	<b>Weight &amp; dimensions</b>	
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
<b>Camera</b>		Weight *	1.92 kg
Front camera	✓	<b>Carbon footprint</b>	
Front camera resolution (numeric)	2.07 MP	Total carbon footprint (kg of CO2e)	108
Front camera resolution	1920 x 1080 pixels		
Front camera HD type	Full HD		

Camera		Carbon footprint	
Video capturing speed	30 fps	Carbon emissions, manufacturing (kg of CO2e)	70.416
Infrared (IR) camera	✓	Carbon emissions, logistics (kg of CO2e)	6.048
Privacy camera	✓	Carbon emissions, energy usage (kg of CO2e)	28.512
Privacy type	Privacy shutter	Carbon emissions, end-of-life (kg of CO2e)	3.02
Network		PAIA version	GaBi version 1, 2024
Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)	Packaging content	
Wi-Fi standards	Wi-Fi 5 (802.11ac), 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 6E (802.11ax)	AC adapter included *	✓



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### Catalog Object Cloud



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