



**DELL Pro 16 PC16250 Intel Core Ultra 7 255U Laptop 40.6 cm (16")
Full HD+ 32 GB DDR5-SDRAM 1 TB SSD Wi-Fi 6E (802.11ax)
Windows 11 Pro Platinum Slovakian, Czech**

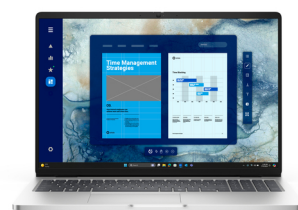
Brand : DELL

Product family: Pro

Product code: G7C84

Product name : PC16250

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: 32 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 1 TB, Storage media: SSD. On-board graphics card model: Intel® Graphics. Operating system installed: Windows 11 Pro. Product colour: Platinum. Weight: 1.92 kg



Design		Camera	
Product type *	Laptop	Front camera HD type	Full HD
Product colour *	Platinum	Video capturing speed	30 fps
Form factor *	Clamshell	Infrared (IR) camera	✓
Display		Privacy camera	✓
Display diagonal *	40.6 cm (16")	Privacy type	Privacy shutter
Display resolution *	1920 x 1200 pixels	Network	
Touchscreen *	✗	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
HD type	Full HD+	Wi-Fi standards	Wi-Fi 5 (802.11ac), 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 6E (802.11ax)
Panel type	IPS	Mobile network connection *	✗
Native aspect ratio	16:10	Antenna type	2x2
Anti-glare screen	✓	WLAN controller model	Intel Wi-Fi 6E AX211
Display brightness	300 cd/m²	WLAN controller manufacturer	Intel
Pixel density	141 ppi	Ethernet LAN	✓
RGB colour space	NTSC	Ethernet LAN data rates	10,100,1000 Mbit/s
Colour gamut	45%	Bluetooth	✓
Maximum refresh rate	60 Hz	Ports & interfaces	
Contrast ratio (typical)	1000:1	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Processor		USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Processor manufacturer *	Intel	Ethernet LAN (RJ-45) ports	1
Processor family *	Intel Core Ultra 7	HDMI ports quantity *	1
Processor generation	Intel Core Ultra (Series 2)	HDMI version	2.1
Processor model *	255U	Thunderbolt 4 ports quantity	1
Processor cores	12	Intel® Thunderbolt 4	✓
Processor threads	14	Combo headphone/mic port	✓
Processor boost frequency	5.2 GHz	Power adapter barrel connector	4.5 mm
Performance cores	2	USB Type-C DisplayPort Alternate Mode	✓
Efficient cores	8	PowerShare	✓
Low Power Efficient-cores	2	Number of USB ports with PowerShare support	1
Performance-core Max Turbo Frequency	5.2 GHz		
Efficient-core Max Turbo Frequency	4.2 GHz		
Low Power Efficient-core Max Turbo Frequency	2.4 GHz		
Performance-core base frequency	2 GHz		
Efficient-core base frequency	1.7 GHz		

Processor		Performance	
Low Power Efficient-core Base Frequency	700 MHz	Hall sensor	✓
Processor cache	12 MB	Keyboard	
Processor cache type	Smart Cache	Pointing device	Touchpad
Processor socket	BGA 2049	Numeric keypad *	✓
Processor base power	15 W	Keyboard backlit	✓
Maximum turbo power	57 W	Keyboard language	Slovakian, Czech
Neural processor unit (NPU)		Copilot key	✓
Neural processor unit (NPU)	Intel AI Boost	Software	
Sparsity support	✓	Operating system architecture	64-bit
Windows Studio effects support	✓	Trial software	Activate Your Microsoft 365 For A 30 Day Trial
AI software frameworks supported by NPU	DirectML, ONNX RT, OpenVINO, Windows ML	Operating system installed *	Windows 11 Pro
Total processor performance up to	24 TOPs	Brand-specific features	
NPU performance up to	12 TOPs	Brand specific technologies	Express Charge Boost capable, HDR Camera, TNR, Presence Detection
GPU performance up to	8 TOPs	Battery	
Memory		Number of battery cells	3
Internal memory *	32 GB	Battery capacity *	45 Wh
Internal memory type	DDR5-SDRAM	Battery voltage	11.25 V
Memory form factor	SO-DIMM	Battery recharge time	4 h
Memory layout (slots x size)	1 x 32 GB	Battery weight	200 g
Memory slots	2x SO-DIMM	Power	
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
Storage		DC-in jack	✓
Total storage capacity *	1 TB	USB Type-C charging port *	✓
Storage media *	SSD	USB Type-C required charging power (min) *	27 W
Total SSDs capacity	1 TB	USB Power Delivery (USB PD)	✓
Number of SSDs installed	1	USB charging voltage	5,9,15,20 V
SSD capacity	1 TB	Security	
Optical drive type *	✗	Cable lock slot	✓
Graphics		Cable lock slot type	Wedge
Discrete graphics card model *	Not available	Fingerprint reader	✓
On-board graphics card *	✓	Trusted Platform Module (TPM)	✓
On-board GPU manufacturer	Intel	Trusted Platform Module (TPM) version	2.0
Discrete graphics card *	✗	Operational conditions	
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
Audio		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	✓	Weight & dimensions	
Number of microphones	2	Width	358 mm
Camera		Depth	251.8 mm
Front camera	✓	Height (front)	1.89 cm
Front camera resolution (numeric)	2.07 MP	Height (rear)	2.08 cm
Front camera resolution	1920 x 1080 pixels	Weight *	1.92 kg
		Packaging content	
		AC adapter included *	✗

Other features

Surface treatment

Metallic



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Catalog Object Cloud



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