



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 6E (802.11ax) Windows 11 Pro US English Platinum, Silver



Brand : DELL

Product family: Pro

Product code: H60MC

Product name : PC16250

- Windows 11 Pro 64-bit
 - Intel Core Ultra 7 255U (12MB Cache)
 - 40.6 cm (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, 40.6 cm (16") Full HD+ 1920 x 1200 IPS, Intel Graphics, LAN, WLAN, Webcam, Windows 11 Pro 64-bit

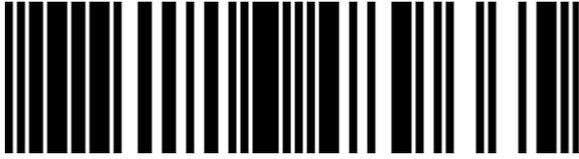
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16-inch AI capable PC with a built-in AI chip, exceptional battery life, Intel® Core™ Ultra processors, and a sleek, modular design for enhanced durability.

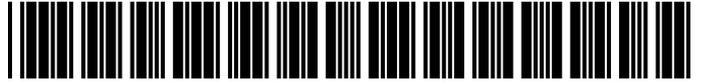
DELL Pro 16 PC16250. Product type: Laptop, Form factor: Clamshell. Processor family: Intel Core Ultra 7, Processor model: 255U. Display diagonal: 40.6 cm (16"), HD type: Full HD+, Display resolution: 1920 x 1200 pixels. Internal memory: 16 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 512 GB, Storage media: SSD. On-board graphics card model: Intel® Graphics. Operating system installed: Windows 11 Pro. Product colour: Platinum, Silver. Weight: 1.92 kg

Design		Camera	
Product type *	Laptop	Infrared (IR) camera	✓
Product colour *	Platinum, Silver	Privacy camera	✓
Form factor *	Clamshell	Privacy type	Privacy shutter
Display		Network	
Display diagonal *	40.6 cm (16")	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Display resolution *	1920 x 1200 pixels	Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6E (802.11ax)
Touchscreen *	✗	Mobile network connection *	✗
HD type	Full HD+	Antenna type	2x2
Panel type	IPS	WLAN controller model	Intel Wi-Fi 6E AX211
Native aspect ratio	16:10	WLAN controller manufacturer	Intel
Anti-glare screen	✓	Ethernet LAN	✓
Display brightness	300 cd/m ²	Ethernet LAN data rates	10,100,1000 Mbit/s
Pixel density	141 ppi	Bluetooth	✓
RGB colour space	NTSC	Ports & interfaces	
Colour gamut	45%	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Maximum refresh rate	60 Hz	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Contrast ratio (typical)	1000:1	Ethernet LAN (RJ-45) ports	1
Processor		HDMI ports quantity *	1
Processor manufacturer *	Intel	HDMI version	2.1
Processor family *	Intel Core Ultra 7	Thunderbolt 4 ports quantity	1
Processor generation	Intel Core Ultra (Series 2)	Intel® Thunderbolt 4	✓
Processor model *	255U	Combo headphone/mic port	✓
Processor cores	12	Power adapter barrel connector	4.5 mm
Processor threads	14	USB Type-C DisplayPort Alternate Mode	✓
Processor boost frequency	5.2 GHz	PowerShare	✓
Performance cores	2	Number of USB ports with PowerShare support	1
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		Performance	
Low Power Efficient-core Max Turbo Frequency	2.4 GHz	Hall sensor	✓
Performance-core base frequency	2 GHz	Keyboard	
Efficient-core base frequency	1.7 GHz	Pointing device	Touchpad
Low Power Efficient-core Base Frequency	700 MHz	Numeric keypad *	✓
Processor cache	12 MB	Keyboard backlit	✓
Processor base power	15 W	Keyboard language	US English
Maximum turbo power	57 W	Copilot key	✓
Neural processor unit (NPU)		Software	
Neural processor unit (NPU)	Intel AI Boost	Operating system architecture	64-bit
Sparsity support	✓	Operating system installed *	Windows 11 Pro
Windows Studio effects support	✓	Brand-specific features	
AI software frameworks supported by NPU	DirectML, ONNX RT, OpenVINO, Windows ML	Brand specific technologies	Express Charge Boost capable, TNR
Memory		Battery	
Internal memory *	16 GB	Number of battery cells	3
Internal memory type	DDR5-SDRAM	Battery capacity *	55 Wh
Memory form factor	SO-DIMM	Battery voltage	11.7 V
Memory layout (slots x size)	1 x 16 GB	Battery recharge time	4 h
Memory slots	2x SO-DIMM	Fast charging	✓
Maximum internal memory *	64 GB	Battery weight	210 g
Memory data transfer rate	5600 MT/s	Power	
Storage		AC adapter power	65 W
Total storage capacity *	512 GB	AC adapter frequency	50 - 60 Hz
Storage media *	SSD	AC adapter input voltage	100 - 240 V
Total SSDs capacity	512 GB	DC-in jack	✓
Number of SSDs installed	1	USB Type-C charging port *	✓
SSD capacity	512 GB	USB Type-C required charging power (min) *	27 W
NVMe	✓	USB Type-C required charging power (max) *	65 W
SSD form factor	M.2	USB Power Delivery (USB PD)	✓
Optical drive type *	✗	USB charging voltage	5,9,15,20 V
Graphics		Security	
Discrete graphics card model *	Not available	Cable lock slot	✓
On-board graphics card *	✓	Cable lock slot type	Wedge
On-board GPU manufacturer	Intel	Trusted Platform Module (TPM)	✓
Discrete graphics card *	✗	Trusted Platform Module (TPM) version	2.0
On-board graphics card family	Intel® Graphics	Operational conditions	
On-board graphics card model *	Intel® Graphics	Operating temperature (T-T)	0 - 40 °C
Audio		Storage temperature (T-T)	-40 - 65 °C
Audio chip	Realtek ALC3204	Operating relative humidity (H-H)	0 - 90%
Audio system	MaxxAudio Pro	Storage relative humidity (H-H)	0 - 95%
Number of built-in speakers	2	Operating altitude	-15.2 - 3048 m
Speakers manufacturer	Waves	Non-operating altitude	-15.2 - 10668 m
Speaker power	2.5 W	Operating shock	140 G
Built-in microphone	✓	Operating vibration	0.66 G
Number of microphones	2	Weight & dimensions	
Camera		Width	358 mm
Front camera	✓	Depth	251.8 mm
Front camera resolution (numeric)	2.07 MP	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	Packaging content	
		AC adapter included *	✓



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