



**DELL Pro 16 PC16250 Intel Core Ultra 5 235U Laptop 40.6 cm (16")
Full HD+ 16 GB DDR5-SDRAM 512 GB SSD Wi-Fi 6E (802.11ax)
Windows 11 Pro Platinum, Silver**

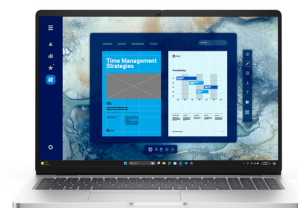
Brand : DELL

Product family: Pro

Product code:
BTO105_PC16250_EMEA

Product name : PC16250

DELL Pro 16 PC16250. Product type: Laptop, Form factor: Clamshell. Processor family: Intel Core Ultra 5, Processor model: 235U. 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)	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Product type *	Laptop	Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6E (802.11ax)
Product colour *	Platinum, Silver	Mobile network connection *	✗
Form factor *	Clamshell	Wi-Fi band	Tri-band (2.4 GHz / 5 GHz / 6 GHz)
Intel® vPro™ Platform Eligibility	✓	Antenna type	2x2
Display		WLAN controller model	Intel Wi-Fi 6E AX211
Display diagonal *	40.6 cm (16")	WLAN controller manufacturer	Intel
Display resolution *	1920 x 1200 pixels	Ethernet LAN	✓
Touchscreen *	✗	Ethernet LAN data rates	10,100,1000 Mbit/s
HD type	Full HD+	Bluetooth	✓
Panel type	IPS	Ports & interfaces	
Native aspect ratio	16:10	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Anti-glare screen	✓	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Display brightness	300 cd/m²	Ethernet LAN (RJ-45) ports	1
Pixel density	141 ppi	HDMI ports quantity *	1
RGB colour space	NTSC	HDMI version	2.1
Colour gamut	45%	Thunderbolt 4 ports quantity	1
Maximum refresh rate	60 Hz	Intel® Thunderbolt 4	✓
Contrast ratio (typical)	1000:1	Combo headphone/mic port	✓
Processor		Power adapter barrel connector	4.5 mm
Processor manufacturer *	Intel	USB Type-C DisplayPort Alternate Mode	✓
Processor family *	Intel Core Ultra 5	PowerShare	✓
Processor generation	Intel Core Ultra (Series 2)	Number of USB ports with PowerShare support	1
Processor model *	235U	Performance	
Processor cores	12	Hall sensor	✓
Processor threads	14	Keyboard	
Processor boost frequency	4.9 GHz	Pointing device	Touchpad
Performance cores	2	Numeric keypad *	✓
Efficient cores	8		
Low Power Efficient-cores	2		
Performance-core Max Turbo Frequency	4.9 GHz		
Efficient-core Max Turbo Frequency	4.1 GHz		

Processor		Keyboard	
Low Power Efficient-core Max Turbo Frequency	2.4 GHz	Keyboard backlit	✓
Performance-core base frequency	2 GHz	Copilot key	✓
Efficient-core base frequency	1.6 GHz	Software	
Low Power Efficient-core Base Frequency	700 MHz	Operating system architecture	64-bit
Processor cache	12 MB	Trial software	McAfee Business Protection 1-year, No Microsoft Office License included (Fed and Premier, Exception Only)
Processor base power	15 W		
Maximum turbo power	57 W	Operating system installed *	Windows 11 Pro
Neural processor unit (NPU)		Battery	
Neural processor unit (NPU)	Intel AI Boost	Number of battery cells	3
Sparsity support	✓	Battery capacity *	55 Wh
Windows Studio effects support	✓	Battery recharge time	4 h
AI software frameworks supported by NPU	DirectML, ONNX RT, OpenVINO, Windows ML	Fast charging	✓
NPU performance up to	12 TOPs	Power	
Memory		AC adapter power	65 W
Internal memory *	16 GB	AC adapter frequency	50 - 60 Hz
Internal memory type	DDR5-SDRAM	AC adapter input voltage	100 - 240 V
Memory form factor	SO-DIMM	DC-in jack	✓
Memory slots	2x SO-DIMM	USB Type-C charging port *	✓
Maximum internal memory *	64 GB	USB Type-C required charging power (min) *	27 W
Memory data transfer rate	5600 MT/s	USB Type-C required charging power (max) *	65 W
Storage		USB Power Delivery (USB PD)	✓
Total storage capacity *	512 GB	USB charging voltage	5,9,15,20 V
Storage media *	SSD	Security	
Total SSDs capacity	512 GB	Cable lock slot	✓
Number of SSDs installed	1	Cable lock slot type	Wedge
SSD capacity	512 GB	Fingerprint reader	✓
SSD interface	PCI Express 4.0	Trusted Platform Module (TPM)	✓
NVMe	✓	Trusted Platform Module (TPM) version	2.0
SSD form factor	M.2	Operational conditions	
Optical drive type *	✗	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)	70.416
Front camera	✓	Carbon emissions, logistics (kg of CO2e)	6.048
Front camera resolution (numeric)	2.07 MP	Carbon emissions, energy usage (kg of CO2e)	28.512
Front camera resolution	1920 x 1080 pixels	Carbon emissions, end-of-life (kg of CO2e)	3.02
Front camera HD type	Full HD		
Video capturing speed	30 fps		
Infrared (IR) camera	✓		
Privacy camera	✓		
Privacy type	Privacy shutter		

Carbon footprint	
PAIA version	GaBi version 1, 2024
Packaging content	
AC adapter included *	✓

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