



DELL Pro 16 PC16250 Intel Core 5 220U Laptop 40.6 cm (16") Full HD+ 16 GB DDR5-SDRAM 512 GB SSD Wi-Fi 6E (802.11ax) Windows 11 Pro Black

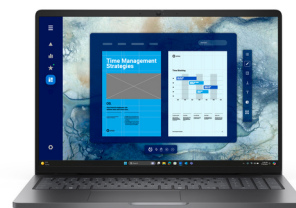
Brand : DELL

Product family: Pro

Product code:
BTO015_PC16250_EMEA

Product name : PC16250

DELL Pro 16 PC16250. Product type: Laptop, Form factor: Clamshell. Processor family: Intel Core 5, Processor model: 220U. 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		Network	
Colour name	Magnetite	WLAN controller manufacturer	Intel
Product type *	Laptop	Ethernet LAN	✓
Product colour *	Black	Ethernet LAN data rates	10,100,1000 Mbit/s
Form factor *	Clamshell	Bluetooth	✓
Display		Ports & interfaces	
Display diagonal *	40.6 cm (16")	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Display resolution *	1920 x 1200 pixels	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Touchscreen *	✗	Ethernet LAN (RJ-45) ports	1
HD type	Full HD+	HDMI ports quantity *	1
Panel type	IPS	HDMI version	2.1
Native aspect ratio	16:10	Thunderbolt 4 ports quantity	1
Anti-glare screen	✓	Intel® Thunderbolt 4	✓
Display brightness	300 cd/m²	Combo headphone/mic port	✓
Pixel density	141 ppi	Power adapter barrel connector	4.5 mm
RGB colour space	NTSC	USB Type-C DisplayPort Alternate Mode	✓
Colour gamut	45%	PowerShare	✓
Maximum refresh rate	60 Hz	Number of USB ports with PowerShare support	1
Contrast ratio (typical)	1000:1		
Processor		Performance	
Processor manufacturer *	Intel	Hall sensor	✓
Processor family *	Intel Core 5	Keyboard	
Processor generation	Intel Core (Series 2)	Pointing device	Touchpad
Processor model *	220U	Numeric keypad *	✓
Processor cores	10	Keyboard backlit	✓
Processor threads	12	Copilot key	✓
Processor boost frequency	5 GHz	Software	
Performance cores	2	Operating system architecture	64-bit
Efficient cores	8	Trial software	McAfee Business Protection 1-year, Microsoft Office Trial
Performance-core Max Turbo Frequency	5 GHz	Operating system installed *	Windows 11 Pro
Efficient-core Max Turbo Frequency	3.8 GHz		
Performance-core base frequency	1.4 GHz		
Efficient-core base frequency	900 GHz		
Processor cache	12 MB		
Processor cache type	Smart Cache		

Processor		Battery	
Processor base power	15 W	Number of battery cells	3
Maximum turbo power	55 W	Battery capacity *	55 Wh
Memory		Battery recharge time	4 h
Internal memory *	16 GB	Fast charging	✓
Internal memory type	DDR5-SDRAM	Power	
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 *	✓
Storage		USB Type-C required charging power (min) *	27 W
Total storage capacity *	512 GB	USB Type-C required charging power (max) *	65 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	Security	
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	Trusted Platform Module (TPM)	✓
Optical drive type *	✗	Trusted Platform Module (TPM) version	2.0
Graphics		Operational conditions	
Discrete graphics card model *	Not available	Operating temperature (T-T)	0 - 40 °C
On-board graphics card *	✓	Storage temperature (T-T)	-40 - 65 °C
On-board GPU manufacturer	Intel	Operating relative humidity (H-H)	0 - 90%
Discrete graphics card *	✗	Storage relative humidity (H-H)	0 - 95%
On-board graphics card family	Intel® Graphics	Operating altitude	-15.2 - 3048 m
On-board graphics card model *	Intel® Graphics	Non-operating altitude	-15.2 - 10668 m
Audio		Operating shock	140 G
Audio chip	Realtek ALC3204	Operating vibration	0.66 G
Audio system	MaxxAudio Pro	Weight & dimensions	
Number of built-in speakers	2	Width	358 mm
Speakers manufacturer	Waves	Depth	251.8 mm
Speaker power	2.5 W	Height (front)	1.89 cm
Built-in microphone	✓	Height (rear)	2.08 cm
Number of microphones	2	Weight *	1.92 kg
Camera		Carbon footprint	
Front camera	✓	Total carbon footprint (kg of CO2e)	108
Front camera resolution (numeric)	2.07 MP	Carbon emissions, manufacturing (kg of CO2e)	70.416
Front camera resolution	1920 x 1080 pixels	Carbon emissions, logistics (kg of CO2e)	6.048
Front camera HD type	Full HD	Carbon emissions, energy usage (kg of CO2e)	28.512
Video capturing speed	30 fps	Carbon emissions, end-of-life (kg of CO2e)	3.02
Infrared (IR) camera	✓	PAIA version	GaBi version 1, 2024
Privacy camera	✓	Packaging content	
Privacy type	Privacy shutter	AC adapter included *	✓
Network			
Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)		
Wi-Fi standards	Wi-Fi 5 (802.11ac), 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 6E (802.11ax)		
Mobile network connection *	✗		
Antenna type	2x2		
WLAN controller model	Intel Wi-Fi 6E AX211		

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