



DELL Pro 16 PC16250 Intel Core 5 120U 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:
BT0010_PC16250_EMEA



Product name : PC16250

DELL Pro 16 PC16250. Product type: Laptop, Form factor: Clamshell. Processor family: Intel Core 5, Processor model: 120U. 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 model	Intel Wi-Fi 6E AX211
Product type *	Laptop	WLAN controller manufacturer	Intel
Product colour *	Black	Ethernet LAN	✓
Form factor *	Clamshell	Ethernet LAN data rates	10,100,1000 Mbit/s
Housing material	Acrylonitrile butadiene styrene (ABS), Plastic	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/m ²	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		
Processor generation	Intel Core (Series 1)		
Processor model *	120U		
Processor cores	10	Keyboard	
Processor threads	12	Pointing device	Touchpad
Processor boost frequency	5 GHz	Numeric keypad *	✓
Performance cores	2	Keyboard backlit	✓
Efficient cores	8	Copilot key	✓
Performance-core Max Turbo Frequency	5 GHz		
Efficient-core Max Turbo Frequency	3.8 GHz		
Performance-core base frequency	1.4 GHz		
Efficient-core base frequency	0.9 GHz		
Software		Operating system architecture	
		64-bit	

Processor		Software	
Processor cache	12 MB		McAfee Business Protection 1-year, No Microsoft Office License included (Fed and Premier, Exception Only)
Processor cache type	Smart Cache	Trial software	
Processor base power	15 W	Operating system installed *	Windows 11 Pro
Maximum turbo power	55 W		
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 recharge time	4 h
Memory layout (slots x size)	1 x 16 GB	Fast charging	✓
Memory slots	2x SO-DIMM		
Maximum internal memory *	64 GB	Power	
Memory data transfer rate	5600 MT/s	AC adapter power	65 W
Storage		AC adapter frequency	50 - 60 Hz
Total storage capacity *	512 GB	AC adapter input voltage	100 - 240 V
Storage media *	SSD	DC-in jack	✓
Total SSDs capacity	512 GB	USB Type-C charging port *	✓
Number of SSDs installed	1	USB Type-C required charging power (min) *	27 W
SSD capacity	512 GB	USB Type-C required charging power (max) *	65 W
SSD interface	PCI Express 4.0	USB Power Delivery (USB PD)	✓
NVMe	✓	USB charging voltage	5,9,15,20 V
SSD form factor	M.2		
Optical drive type *	✗	Security	
Graphics		Cable lock slot	✓
Discrete graphics card model *	Not available	Cable lock slot type	Wedge
On-board graphics card *	✓	Fingerprint reader	✓
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	Carbon footprint	
Infrared (IR) camera	✓	Total carbon footprint (kg of CO2e)	108
Privacy camera	✓	Carbon emissions, manufacturing (kg of CO2e)	70.416
Privacy type	Privacy shutter	Carbon emissions, logistics (kg of CO2e)	6.048
Network		Carbon emissions, energy usage (kg of CO2e)	28.512
Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)	Carbon emissions, end-of-life (kg of CO2e)	3.02
Wi-Fi standards	Wi-Fi 5 (802.11ac), 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 6E (802.11ax)	PAIA version	GaBi version 1, 2024
Mobile network connection *	✗	Packaging content	
Antenna type	2x2	AC adapter included *	✓

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