



## 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 US English Black

**Brand :** DELL

**Product family:** Pro

**Product code:** DYFPN

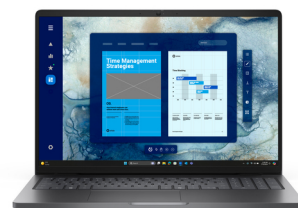
**Product name :** PC16250

- Windows 11 Pro 64-bit  
- Intel Core 5 120U (12MB Cache)  
- 40.6 cm (16") Full HD+ 1920 x 1200 IPS  
- 16GB DDR5-SDRAM (1 x 16) & 512GB SSD  
Intel Core 5 120U (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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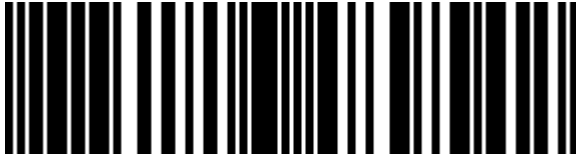
16-inch AI capable PC with a built-in AI chip, exceptional battery life, Intel® Core™ Ultra processors, and a sleek, modular design for enhanced durability.

DELL Pro 16 PC16250. Product type: Laptop, Form factor: Clamshell. Processor family: Intel Core 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	Mobile network connection *	✗
Product type *	Laptop	Antenna type	2x2
Product colour *	Black	WLAN controller model	Intel Wi-Fi 6E AX211
Form factor *	Clamshell	WLAN controller manufacturer	Intel
Display		Ethernet LAN	✓
Display diagonal *	40.6 cm (16")	Ethernet LAN data rates	10,100,1000 Mbit/s
Display resolution *	1920 x 1200 pixels	Bluetooth	✓
Touchscreen *	✗	Ports & interfaces	
HD type	Full HD+	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Panel type	IPS	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Native aspect ratio	16:10	Ethernet LAN (RJ-45) ports	1
Anti-glare screen	✓	HDMI ports quantity *	1
Display brightness	300 cd/m²	HDMI version	2.1
Pixel density	141 ppi	Thunderbolt 4 ports quantity	1
RGB colour space	NTSC	Intel® Thunderbolt 4	✓
Colour gamut	45%	Combo headphone/mic port	✓
Maximum refresh rate	60 Hz	Power adapter barrel connector	4.5 mm
Contrast ratio (typical)	1000:1	USB Type-C DisplayPort Alternate Mode	✓
Processor		PowerShare	✓
Processor manufacturer *	Intel	Number of USB ports with PowerShare support	1
Processor family *	Intel Core 5	Performance	
Processor generation	Intel Core (Series 1)	Hall sensor	✓
Processor model *	120U	Keyboard	
Processor cores	10	Pointing device	Touchpad
Processor threads	12	Numeric keypad *	✓
Processor boost frequency	5 GHz	Keyboard backlit	✓
Performance cores	2	Keyboard language	US English
Efficient cores	8		
Performance-core Max Turbo Frequency	5 GHz		
Efficient-core Max Turbo Frequency	3.8 GHz		
Performance-core base frequency	1.4 GHz		

Processor		Keyboard	
Efficient-core base frequency	0.9 GHz	Copilot key	✓
Processor cache	12 MB	Software	
Processor cache type	Smart Cache	Operating system architecture	64-bit
Processor base power	15 W	Operating system installed *	Windows 11 Pro
Maximum turbo power	55 W	Brand-specific features	
Memory		Brand specific technologies	Express Charge Boost capable, TNR
Internal memory *	16 GB	Battery	
Internal memory type	DDR5-SDRAM	Number of battery cells	3
Memory form factor	SO-DIMM	Battery capacity *	55 Wh
Memory layout (slots x size)	1 x 16 GB	Battery voltage	11.7 V
Memory slots	2x SO-DIMM	Battery recharge time	4 h
Maximum internal memory *	64 GB	Fast charging	✓
Memory data transfer rate	5200 MT/s	Battery weight	210 g
Storage		Power	
Total storage capacity *	512 GB	AC adapter power	65 W
Storage media *	SSD	AC adapter frequency	50 - 60 Hz
Total SSDs capacity	512 GB	AC adapter input voltage	100 - 240 V
Number of SSDs installed	1	DC-in jack	✓
SSD capacity	512 GB	USB Type-C charging port *	✓
NVMe	✓	USB Type-C required charging power (min) *	27 W
SSD form factor	M.2	USB Type-C required charging power (max) *	65 W
Optical drive type *	✗	USB Power Delivery (USB PD)	✓
Graphics		USB charging voltage	5,9,15,20 V
Discrete graphics card model *	Not available	Security	
On-board graphics card *	✓	Cable lock slot	✓
On-board GPU manufacturer	Intel	Cable lock slot type	Wedge
Discrete graphics card *	✗	Face recognition	✓
On-board graphics card family	Intel® Graphics	Trusted Platform Module (TPM)	✓
On-board graphics card model *	Intel® Graphics	Trusted Platform Module (TPM) version	2.0
Audio		Operational conditions	
Audio chip	Realtek ALC3204	Operating temperature (T-T)	0 - 40 °C
Audio system	MaxxAudio Pro	Storage temperature (T-T)	-40 - 65 °C
Number of built-in speakers	2	Operating relative humidity (H-H)	0 - 90%
Speakers manufacturer	Waves	Storage relative humidity (H-H)	0 - 95%
Speaker power	2.5 W	Operating altitude	-15.2 - 3048 m
Built-in microphone	✓	Non-operating altitude	-15.2 - 10668 m
Number of microphones	2	Operating shock	140 G
Camera		Operating vibration	0.66 G
Front camera	✓	Weight & dimensions	
Front camera resolution	1920 x 1080 pixels	Width	358 mm
Front camera HD type	Full HD	Depth	251.8 mm
Video capturing speed	30 fps	Height (front)	1.89 cm
Infrared (IR) camera	✓	Height (rear)	2.08 cm
Privacy camera	✓	Weight *	1.92 kg
Privacy type	Privacy shutter	Packaging content	
Network		AC adapter included *	✓
Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)		
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6E (802.11ax)		



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